Tabulæ Mathematicæ:

OR,

TABLES

OF
The naturall Sines, Tangents and
Secants, and the LOGARITHMS of
the Sines and Tangents to every
degree and hundred part
of a degree in the
Quadrant.

Their common Radius *being* 10000000.

With a Table of *Logarithms* of all
abſolute numbers increaſing by naturall
ſucceſſion from an Unite to
10000.

*By help whereof, and the Table of the Proportional
part thereunto annexed,* the Logarithms *of
all numbers under* 100000 *may
ſpeedily be found.*

By *JOHN NEWTON.*

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TO THE *COURTEOUS* Reader.

AMongſt the Sciences Mathematicall, *Trigonometrie*, or dimenſion of Triangles doth not deſerve the leaſt reſpect, for next unto *Arithmetick*, it is the very foundation of all this kinde of learnining.

The firſt Elements of this Doctrine I have (as I hope) made very plain in my *Mathematicall Inſtitution*; where thou maiſt ſee the conſtruction, as well as the uſe, of ſuch Tables as muſt be had to make this Doctrine perfect. Here I preſent thee with the Tables themſelves, ſomewhat differing (indeed they are) from other Tables of the ſame kinde, and yet not much from thoſe which Maſter *Henry Brigges*, that famous Mathematician of our age, hath long ſince publiſhed in his Book entituled *Trigonometria Britannica*, to whom all future ages muſt acknowledge themſelves obliged for that rare invention of the Artificiall Numbers, and had it beed but well conſidered, his ſub-diviſion of each degree of the Quadrant into 100 parts, deſerves almoſt as high a commendation; by means whereof the part proportional may be obtained with much more eaſe than by our vulgar Tables, the which we have contracted into this little Volume, and from the which there is no other difference than their form and brevity. Now that their formal difference may not obſcure their excellent uſe, we will explain the ſame in theſe enſuing Propoſitions.

PROP. I.

An arke or angle of any number of Degrees being given, to finde the natural or the artificial Sine or Tangent of the ſame.

WHen the number of the degrees given exceed not 45, make ſearch for the ſame degrees at the top of the pages of the Table of Sines and Tangents

gents, and for the minutes, if there be any, in the firſt column towards the left hand, ſigned by the letter M; this done, juſt over againſt thoſe minutes, under the title, you ſhall finde the Natural or the Artificial Sine or Tangent of the arke or angle propounded.

So the natural Sine of 19 degrees, 76 minutes is 3380310, and the artificiall Sine or *Log.Sine* of the ſame arch is 9.529021. The natural Tangent of 19 degr. 85 min. is 3610082. The *Log.Tang.* of the ſame ark is 9.557517; but when the number of degrees exceeds 45, look then at the bottome of the ſame Table, and the minutes in the firſt column towards the right hand, ſigned likewiſe by the letter M: this done, juſt againſt thoſe minutes above the title you ſhall diſcover the Sine or Tangent of the ark deſired. Thus the natural Sine of 71 degrees 42 minutes is 9478797, and the *Log.Sine* of the ſame ark is 9.976753. The natural Tangent of 71 degrees, 49 minutes is 29869523, and the *Log. Tang.* of the ſame ark is 10.475228.

Laſtly, if you would finde the Sine or Tangent of any arch to the thouſand or ten thouſand part of a degree, or further; take the difference between the greater and the leſſer arch, then multiply that difference by the number of parts deſired, and from the product cut off as many figures towards the right hand, as you did multiply the difference by, what remaineth being added to the Sine or Tangent given, if they increaſe in the Table, or being ſubſtracted, if they decreaſe, ſhall be the Sine or Tangent required.

Thus, if it were required to finde the Sine of 71 degrees, 4253 ten thouſand parts of that degree, the Sine of 71 degrees, 43 minutes, the next greater arch, is 9479353; the Sine of 71 degrees, 42 minutes, the next leſſer is 9478797, and their difference is 556, which being multiplied by 53, the product will be 29468, from which cutting of the laſt two figures, if you adde 294, the three figures remaning, to 9478797, the arch of 71 degrees 42 minutes, becauſe the Sine of 71 degrees, 43 minutes is the greater, their aggregate 9479091 is the Sine of 71 degrees, 4253 parts of a degree: and ſo for the natural and the artificial Sine or Tangent of any other degree.

PROP. II.

Any natural or artificial Sine or Tangent being given, to finde his correſpondent ark or angle.

SEarch in the Table of Sines and Tangents, the natural or artificial Sine or Tangent propounded, *viz.* in the columnes, ſigned by the title Sine, if it be a natural Sine propounded, or in thoſe ſigned by the title *Log.Sin.* if it be an artificial Sine that is propounded: and ſo likewiſe for the naturall or the artificiall tangents, according to their reſpective titles; this done, in the top or bottome of the column where you finde the ſame, you ſhall diſcover the degrees, and juſt againſt the number found in the column marked by the letter M, either upon the right or left hand reſpectively, you ſhall have the minutes of the ark propounded; ſo 71 degr. 42 minutes is the arch anſwering to the natural Sine of 9478797, but if the naturall Sine given were 9479091, the correſpondent ark muſt be thus found; ſeek the natural Sine, which being leſſe, come neereſt unto it, and ſubſtract the ſame from the Sine given, and from the next greater, then as the laſt difference, is to a hundred, ſo is the firſt difference, to a fourth proportional; thus the Sine 9478797, the Sine 71 degr. 42 min. is the next leſſer in the Table, which being ſubſtracted from 9479091, the Sine given, their difference is 294; again, 9479353, the Sine of 71 degr. 43 min. is the next greater, from which if you ſubſtract 9478797, their difference is 556; now then to finde the arch two places further then is expreſſed in the Table; I ſay, as 556 the laſt difference, is to 100; ſo is 294, the firſt difference, to 53 *ferè*: and ſo the arch is 71 degr. 4253 parts of a degree: and ſo for any other.

And what is here ſaid for Sines and Tangents is to be underſtood in the Table of natural Secants following.

PROP. III.

A whole number under 100 being given, to finde the Logarithme thereof.

TUrn to the Table of Logarithmes, and in the firſt, third, or fift column of the firſt page of that Table ſeek the number given, juſt againſt that number in the next column towards the right hand you ſhall finde the Logarithme ſought.

So in that Table, the Logartithme of 25 will be found, 1.397940, & the Logarithme of 86 will be 1.934498.

PROP. IV.

A number that conſiſts of three places being given, to finde the Logarithme thereof.

FInde the number propounded in the firſt column of the Table, entituled *The Table of Logarithmes*, (ſigned with the letter N) this done, juſt againſt that number in the next column, (ſigned by O) you ſhall finde a number of ſix figures, before which if you prefix a Characteriſtique correſpondent to the number propounded, that intire number ſo ordered is the Logarithme ſought.

Example. 357 being given in the firſt column of the page under the letter N, I finde the number given, and right againſt it in the next column (ſigned by O) I finde 552668, before which prefixing 2, the proper Characteriſtique of all numbers under 1000, the entire Logarithme of 357 is 2.552668; and ſo of any other.

PROP. V.

A number that conſiſteth of four places, to finde the Logarithme thereof.

YOu muſt finde the three firſt figures of the given number, as before, and ſeek the laſt figure thereof amongſt the great figures in the head of the Table, and in the common area or meeting of theſe two lines, is the Logarithme you deſire, if before it you prefix 3, the proper Characteriſtique thereof.

Example.

Let it be required to finde the Logarithm of 3576, I finde 357, the three firſt figures in the firſt column, as before, and 6 the laſt figure in the head of the Table, then going down from 6 in the head of the Table, till I come againſt 357 in the firſt column, there I finde 553398, before which prefixing 3 the Characteriſtique, the entire Logarithme of 3576 will be 3.553398; and ſo of any other number under ten thouſand.

PROP. VI.

A number that conſiſteth of five places, to finde the Logarithme thereof.

YOu muſt finde the Logarithme of the four firſt figures, by the preceding Propoſition, and the common difference in the laſt column, ſigned with the letter D, then look this common difference in the firſt column of the Table, entituled, *A Table of the parts proportionall*, and the laſt figure of the number given in the head thereof, and in the common area or meeting of theſe two lines you ſhall have the part proportional, which being added to the former Logarithme found, their aggregate, if you prefix 4, the common Characteriſtique of all numbers under 100000, ſhall be the Logarithme of the number given.

Example.

Let it be required to finde the Logarithm of 35768; the Logarithme of 3576, the four firſt figures, was before found to be 553398, and right againſt that number in the laſt column of the Table the common difference is 122, this difference I ſeek in the firſt column of the other Table, and 8 the laſt figure of the number given in the head thereof; then going down from 8 in the head of the Table, till I come againſt 122 in the firſt column, there I finde 97, which being added to 553398, their aggregate will be 553495, before which if you prefix 4, the proper Characteriſtique, the entire Logarith. of 35768 will be 4.553495 the like may be done for any other number under a hundred thouſand.

PROP.

PROP. VII.

A Logarithme being given, to finde the abſolute number thereunto belonging.

THe Characteriſtique will declare of what number of places the abſolute number doth conſiſt of, the Characteriſtique being alwayes one digit or place leſſe then the abſolute number; if therefore the Characteriſtique of the Logarithm given be but one, the abſolute number doth conſiſt but of two figures, and muſt be found in the firſt page of the Table of Logarithms.

Thus 1.934498 being the Logarithme given in the fift column of the firſt page, the abſolute number anſwering thereunto will be found to be 86.

If the Characteriſtique be 2, the abſolute number anſwering to the Logarithme given muſt conſiſt of 3 places, & muſt be found in the firſt column of the remaining leaves of that Table. Thus 2.552668 being the Logarithm given, ſetting aſide the Characteriſtick I ſeek 552668 in the ſecond column of the Table (ſigned with O) and right againſt the ſame I finde 357, which is the abſolute number anſwering thereunto.

If the Characteriſtique be 3, the abſolute number anſwering to the Logarithme given muſt conſiſt of four places, three of

which

which muſt be found in the firſt column, as before, and the fourth in the head of that column, in which I finde the Logarithme given. Thus, 3.553398 being the Logarithm given, I neglect the Characteriſtique, as before, the reſt of the Logarithme, *viz.* 553398 I ſeek in the ſecond column, and the next leſſe I finde to be 552668, and the abſolute number anſwering thereunto is 357, which I note, and guiding my eye from thence in a ſtraight line through all the columns of the Table, in the eighth column I finde the Logarithme given, and over the head thereof, the figure 6, which is the fourth figure ſought, and the abſolute number anſwering to the Logarithme 3.553398, is 3576.

If the Characteriſtique be 4, the abſolute number anſwering to the Logarithme given muſt conſiſt of five places, four of which muſt be found, as is already ſhewed, and the common difference in the laſt column muſt be noted, and the Logarithme thus found muſt be ſubſtracted from the Logarithme given, then ſeek the aforeſaid common difference in the firſt columne of the Table, entituled, *A Table of the Parts proportionall, &c.* and the other number found by ſubſtraction in the reſt of the columns, or the neereſt to it, over the head whereof you ſhall have the fift figure ſought.

Thus 4.553495 being the Logarithme given, the Logarithme next leſſe in the ſecond column of the Table neglecting the Characteriſtique, I finde to be 552668, and the abſolute number anſwering thereunto is 357; again the next leſſe in a ſtraight line is 553398, and the figure over the head thereof is 6, and therefore the four firſt figures of the abſolute number ſought are 3576, and the common difference in the laſt column of the Table ſtanding in a right line againſt the number 553398, is 122, which I note, and ſubſtracting 553398, the Logarithme laſt found from 553495, the Logarithme given, I finde their difference to be 97; firſt therefore I ſeek 122, the common difference in the firſt column of the aforeſaid Table, and the other difference 97 in a right line from it, which I finde in the ninth column, and the figure 8 over the head thereof; and ſo at laſt rhe abſolute number anſwering to 4.553495, the Logarirhme given, is 35768.

Thus as you ſee the Logarithmes of all numbers from one to a hundred thouſand are contracted into this little Volume, in which

which are placed the firſt ten thouſand, according to Maſter *Wingates* excellent abbreviation: in finding of the reſt there is indeed a little trouble, which could not be avoided; however this Table is not much inferiour unto that, which was contrived by Maſter *Roe.*

His is indeed the beſt contraction of theſe kinde of numbers that hath as yet been publiſhed; and yet it were to be wiſhed that even his were freed from ſuch miſtakes to which it is too often liable; nor were it any hard matter ſo to contrive the numbers of this kinde into the like bulk or Volumn as that the Logarithmes of all abſolute numbers from 1 to 100000 might be as readily and exactly found to eight places, as they are in thoſe of a greater bulk and price, the which a little time may happily procure from ſome one or other, if not from him that hath in this no other aime, then what doth tend unto the publick good,

JOHN NEWTON.

CAN

IN

ANG B

GARI

Sinubus

ad Gradus

Cen

CANONES
SINUUM
TANGENTIUM,
ET
LOGARITHMORUM
Pro Sinubus & Tangentibus,
ad Gradus & Graduum
Centeſimas.

M	Sinus		*Log.Sin.*		←
0	0	10000000	0	10.090000	
1	1745	9999999	6.241877	9.999999	99
2	3490	9999999	6.542907	9.999999	98
3	5236	9999998	6.718998	9.999999	97
4	6981	9999997	6.843937	9.999999	96
5	8726	9999996	6.940847	9.999999	95
6	10472	9999994	7.020028	9.999999	94
7	12217	9999992	7.086975	9.999999	93
8	13962	9999990	7.144967	9.999999	92
9	15708	9999987	7.196119	9.999999	91
10	17453	9999985	7.241877	9.999999	90
11	19198	9999981	7.283270	9.999999	89
12	20944	9999978	7.321058	9.999999	88
13	22689	9999974	7.355820	9.999998	87
14	24434	9999970	7.388005	9.999998	86
15	26180	9999966	7.417968	9.999998	85
16	27925	9999961	7.445997	9.999998	84
17	29670	9999956	7.472325	9.999998	83
18	31416	9999950	7.497149	9.999997	82
19	33161	9999945	7.520630	9.999997	81
20	34906	9999939	7.542906	9.999997	80
21	36652	9999933	7.564095	9.999997	79
22	38397	9999926	7 584299	9.999996	78
23	40142	9999919	7.603604	9.999996	77
24	41888	9999912	7.622087	9.999996	76
25	43633	9999905	7.639816	9.999995	75
26	45378	9999897	7.656849	9.999995	74
27	47124	9999889	7.673239	9.999995	73
28	48869	9999880	7.689033	9.999994	72
29	50614	9999872	7.704273	9.999994	71
30	52359	9999863	7.718996	9.999994	70
31	54105	9999853	7.733237	9.999993	69
32	55850	9999844	7.747025	9.999993	68
33	57595	9999834	7.760389	9.999992	67
		Sinus		*Log.Sin.*	M

0 GRAD.

M	Tang.		Log.Tan		
0	0	*Infinita*	0	*Infinita*	
1	1745	57295778931	6.241877	13.758122	99
2	3490	28647888593	6.542907	13.457092	98
3	5236	19098591425	6.718998	13.281001	97
4	6981	14323942551	6.843937	13.156062	96
5	8726	11459152994	6.940847	13.059152	95
6	10472	9549293095	7.020029	12.979971	94
7	12217	8185107286	7.086975	12.913024	93
8	13962	7161967785	7.144967	12.855032	92
9	15708	6366192487	7.196120	12.803880	91
10	17453	5729572133	7.241878	12.758122	90
11	19198	5208700829	7.283270	12.716729	89
12	20944	4774641311	7.321059	12.678941	88
13	22689	4407360092	7.355821	12.644178	87
14	24434	4092547534	7.388006	12.611994	86
15	26180	3819709907	7.417969	12.582030	85
16	27925	3580976911	7.445998	12.554001	84
17	29670	3370330081	7.472327	12.527672	83
18	31416	3183088390	7.497151	12.502848	82
19	33161	3015556289	7.520632	12.479367	81
20	34907	2864777340	7.542909	12.457091	80
21	36652	2728358235	7.564098	12.435901	79
22	38397	2604340815	7.584302	12.415698	78
23	[illegible]0143	2491107467	7.603607	12.396392	77
24	41888	2387310184	7.622091	12.377909	76
25	43633	2291816636	7.639820	12.360180	75
26	45379	2203668701	7.656853	12.343146	74
27	47124	2122050200	7.673244	12.326755	73
28	48869	2046261550	7.689039	12.310961	72
29	50615	1975699663	7.704279	12.295721	71
30	52360	1909841864	7.719002	12.280997	70
31	54106	1848232917	7.733243	12.266757	69
32	55851	1790474493	7.747032	12.252968	68
33	57596	1736216544	7 760396	12.239604	67
		Tangens		*Log. Tan.*	M

GRAD. 89

M	Sinus		*Log. Sin.*		
33	57595	9999834	7.760389	9.999993	67
34	59341	9999824	7.773354	9.999992	66
35	61086	9999813	7.785943	9.999992	65
36	62831	9999802	7.798177	9.999991	64
37	64577	9999791	7.810076	9.999990	63
38	66322	9999780	7.821658	9.999990	62
39	68067	9999768	7.832938	9.999990	61
40	69812	9999756	7.843934	9.999989	60
41	71558	9999744	7.854657	9.999989	59
42	73303	9999731	7.865123	9.999988	58
43	75048	9999718	7.875342	9.999988	57
44	76794	9999705	7.885326	9.999987	56
45	78539	9999691	7.895085	9 999986	55
46	80284	9999678	7.904630	9.999986	54
47	82029	9999663	7 913970	9.999985	53
48	83775	9999649	7.923113	9.999985	52
49	85520	9999634	7.932068	9.999984	51
50	87265	9999619	2.940842	9.999983	50
51	89010	9999603	7.949442	9.999983	49
52	90756	9999588	7.957875	9.999982	48
53	92501	9999572	7.966147	9.999981	47
54	94246	9999555	7.974264	9.999981	46
55	95991	9999539	7.982233	9.99998[illegible]	[illegible]5
56	97737	9999522	7.990058	9.99997[illegible]	44
57	99482	9999505	7.997745	9.999978	43
58	101227	9999487	8.005298	9 999978	42
59	102972	9999470	8.012722	9.999977	41
60	104718	9999451	8.020020	9.999976	40
61	106463	9999433	8.027199	9.999975	39
62	108208	9999414	8.034260	9.999974	38
63	109953	9999395	8.041209	9.999974	37
64	111699	9999376	8.048048	9.999973	36
65	113444	9999356	8.054781	9.999972	35
66	115189	9999336	8.061411	9.999971	34
		Sinus		*Log. Sin.*	M

0 GRAD.

M	Tangen		Log. Tan		
33	57596	1736216544	7.760396	12.239604	67
34	59342	1685150205	7.773361	12.226638	66
35	61087	1637001909	7.785951	12.214049	65
36	62832	1591528487	7.798185	12.201814	64
37	64578	1548513055	7.810085	12.189915	63
38	66323	1507761564	7.821667	12.178332	62
39	68069	1469099862	7.832948	12.167051	61
40	69814	1432371216	7.843944	12.156055	60
41	71560	1397434184	7.854668	12.145331	59
42	73305	1364160792	7.865134	12.134865	58
43	75050	1332434972	7.875354	12.124646	57
44	76796	1302151209	7.885338	12.114661	56
45	78541	1273213364	7.895099	12.104901	55
46	80287	1245533662	7.904644	12.095355	54
47	82032	1219031795	7.913985	12.086015	53
48	83778	1193634148	7.923129	12.076871	52
49	85523	1169273115	7.932084	12.067916	51
50	87268	1145886501	7.940858	12.059141	50
51	89014	1123416986	7.949459	12.050541	49
52	90759	1101811651	7.957892	12.042107	48
53	92505	1081021609	7.966165	12.033834	47
54	94250	1061001538	7.974284	12.025716	46
55	95996	1041709448	7.982253	12.017746	45
56	97741	1023106340	7.990079	12.009921	44
57	99487	1005155953	7.997766	12.002233	43
58	101232	987824524	8.005320	11.994680	42
59	102978	971080582	8.012745	11.987255	41
60	104723	954894752	8.020044	11.979955	40
61	106469	939239585	8.027223	11.972776	39
62	108214	924089405	8.034286	11.965714	38
63	109960	909420165	8.041235	11.958764	37
64	111706	895209321	8.048075	11.951924	36
65	113451	881435715	8.054809	11.945190	35
66	115197	868079474	8.061440	11.938559	34
		Tangens		Log. Tan.	M

GRAD. 89

0 GRAD.

M	Sinus		Log.Sin.		
67	116934	9999316	8.067942	9.999970	33
68	118679	9999296	8.074376	9.999969	32
69	120425	9999275	8.080716	9.999968	31
70	122170	9999253	8.086964	9.999967	30
71	123915	9999232	8.093124	9.999966	29
72	125660	9999210	8.099198	9.999966	28
73	127405	9999188	8.105188	9.999965	27
74	129151	9999166	8.111097	9.999964	26
75	130896	9999143	8.116926	9.999963	25
76	132641	9999120	8.122678	9.999962	24
77	134386	9999097	8.128355	9.999961	23
78	136131	9999073	8.133958	9.999960	22
79	137876	9999049	8.139490	9.999959	21
80	139622	9999025	8.144953	9.999957	20
81	141367	9999001	8.150348	9.999956	19
82	143112	9998976	8.155676	9.999955	18
83	144857	9998951	8.160940	9.999954	17
84	146602	9998925	8.166141	9.999953	16
85	148347	9998899	8.171280	9.999952	15
86	150092	9998873	8.176359	9.999951	14
87	151838	9998847	8.181380	9.999950	13
88	153583	9998820	8.186343	9.999949	12
89	155328	9998793	8.191250	9.999947	11
[illegible]0	157073	9998766	8.195102	9.999946	10
91	158818	9998738	8.200900	9.999945	9
92	160563	9998711	8.205646	9.999944	8
93	162308	9998683	8.210341	9.999943	7
94	164053	9998654	8.214986	9.999941	6
95	165798	9998625	8.219581	9.999940	5
96	167544	9998596	8.224128	9.999939	4
97	169289	9998567	8.228628	9.999937	3
98	171034	9998537	8.233082	9.999936	2
99	172779	9998507	8.237491	9.999935	1
	174524	9998477	8.241855	9 999934	0
		Sinus		Log.Sin.	M

GRAD. 89

M	Tangen		Log.Tan		
67	116942	855121909	8.067972	11.932028	33
68	118688	842545431	8.074406	11.925593	32
69	120433	830333473	8.080747	11.919252	31
70	122179	818470411	8.086997	11.913003	30
71	123925	806941503	8.093158	11.906842	29
72	125670	795732827	8.099232	11.900767	28
73	127416	784831222	8.105223	11.894776	27
74	129161	774224239	8.111133	11.888867	26
75	130907	763900093	8.116963	11.883036	25
76	132653	753847620	8.122716	11.877283	24
77	134398	744056235	8.128394	11.871606	23
78	136144	734515896	8.133999	11.866001	22
79	137890	725217071	8.139532	11.860468	21
80	139635	716150701	8.144995	11.855004	20
81	141381	707308178	8.150391	11.849608	19
82	143127	698681312	8.155721	11.844279	18
83	144872	690262308	8.160986	11.839014	17
84	146618	682043743	8.166188	11.833812	16
85	148364	674018542	8.171328	11.828672	15
86	150109	666179961	8.176408	11.823591	14
87	151855	658521563	8.181430	11.818570	13
88	153601	651037206	8.186394	11.813606	12
89	155347	643721024	8.191302	11.808697	11
90	157092	636567411	8.196155	11.803844	10
91	158838	629571008	8.200955	11.799045	9
92	160584	622726688	8.205702	11.794297	8
93	162330	616029544	8.210398	11.789601	7
94	164075	609474881	8.215044	11.784956	6
95	165821	603058199	8.219641	11.780359	5
96	167567	596775185	8.224189	11.775811	4
97	169313	590621706	8.228690	11.771309	3
98	171059	584593796	8.233146	11.766854	2
99	172805	578687650	8.237556	11.762444	1
	174550	572899616	8.241921	11.758078	0
		Tangens		Log.Tang	M

M	Sinus		Log.Sin.		
0	174524	9998477	8.241845	9.999934	
1	176269	9998446	8.246176	9.999932	99
2	178014	9998415	8.250454	9.999931	98
3	179759	9998384	8.254691	9.999930	97
4	181504	9998352	8.258887	9.999928	96
5	183249	9998321	8.263042	9.999927	95
6	184994	9998289	8.267158	9.999925	94
7	186739	9998256	8.271236	9.999924	93
8	188484	9998223	8.275275	9.999923	92
9	190229	9998190	8.279277	9.999921	91
10	191974	9998157	8.283243	9.999920	90
11	193719	9998123	8.287173	9.999918	89
12	195464	9998089	8.291068	9.999917	88
13	197209	9998055	8.294927	9.999915	87
14	198954	9998020	8.298753	9.999914	86
15	200699	9997986	8.302546	9.999912	85
16	202444	9997950	8.306305	9.999911	84
17	204189	9997915	8.310033	9.999909	83
18	205934	9997879	8.313728	9.999908	82
19	207679	9997843	8.317393	9.999906	81
20	209424	9997807	8.321027	9.999905	80
21	211169	9997770	8.324630	9.999903	79
22	212914	9997733	8.328204	9.999901	78
23	214659	9997696	8.331749	9.999900	77
24	216403	9997658	8.335265	9.999898	76
25	218149	9997620	8.338753	9.999896	75
26	219894	9997582	8.342213	9.999895	74
27	221638	9997543	8.345645	9.999893	73
28	223383	9997504	8.349051	9.999891	72
29	225128	9997465	8.352430	9.999890	71
30	226873	9997426	8.355783	9.999888	70
31	228618	9997386	8.359111	9.999886	69
32	230363	9997346	8.362413	9.999885	68
33	232108	9997306	8.365690	9.999883	67
		Sinus		Log.Sin	M

1 GRAD.

M	Tangens		Log. Tan		
0	174550	572899616	8.241921	11.758078	
1	176296	567226185	8.246244	11.753756	99
2	178042	561663986	8.250523	11.749476	98
3	179788	556209780	8.254761	11.745238	97
4	181534	550860451	8.258958	11.741041	96
5	183280	545613003	8.263115	11.736885	95
6	185026	540464552	8.267233	11.732767	94
7	186772	535412323	8.271311	11.728688	93
8	188518	530453643	8.275352	11.724647	92
9	190264	525585938	8.279356	11.720644	91
10	192010	520806726	8.283323	11.716676	90
11	193756	516113615	8.287254	11.712745	89
12	195502	511504299	8.291151	11.708849	88
13	197248	506976554	8.295012	11.704988	87
14	198994	502528233	8.298839	11.701160	86
15	200740	498157263	8.302633	11.697366	85
16	202486	493861646	8.306395	11.693605	84
17	204232	489639447	8.310123	11.689876	83
18	205978	485488802	8.313821	11.686179	82
19	207724	481407905	8.317487	11.682513	81
20	209470	477395014	8.321122	11.678878	80
21	211216	473448442	8.324727	11.675272	79
22	212962	469566558	8.328303	11.671697	78
23	214708	465747785	8 331849	11.668151	77
24	216454	461990595	8.335367	11.664633	76
25	218201	458293512	8.338856	11.661144	75
26	219947	454655102	8.342318	11.657682	74
27	221693	451073982	8.345752	11.654248	73
28	223439	447548807	8.349159	11.650840	72
29	225185	444078278	8 352540	11.647459	71
30	226932	440661132	8.355895	11.644105	70
31	228678	437296147	8.359224	11.640775	69
32	230424	433982138	8.362528	11.637472	68
33	232170	430717955	8.365807	11.634193	67
		Tangens		Log. Tang	M

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M	Sinus		Log.Sin.		
33	232108	9997306	8.365690	9.999883	57
34	233853	9997265	8.368942	9.999881	66
35	235597	9997224	8.372171	9.999879	65
36	237342	9997183	8.375375	9.999877	64
37	239087	9997141	8.378556	9.999876	63
38	240832	9997099	8.381714	9.999874	62
39	242577	9997057	8.384849	9.999872	61
40	244322	9997015	8.387962	9.999870	60
41	246066	9996972	8.391052	9.999868	59
42	247811	9996929	8.394121	9.999866	58
43	249556	9996885	8.397168	9.999865	57
44	251301	9996842	8.400194	9.999863	56
45	253046	9996798	8.403199	9.999861	55
46	254790	9996753	8.406183	9.999859	54
47	256535	9996709	8.409147	9.999857	53
48	258280	9996664	8.412091	9.999855	52
49	260025	9996619	8.415014	9.999853	51
50	261769	9996573	8.417919	9.999851	50
51	263514	9996527	8.420804	9.999849	49
52	265259	9996481	8.423670	9.999847	48
53	267003	9996435	8.426517	9.999845	47
54	268748	9996388	8.429346	9.999843	46
55	270493	9996341	8.432156	9.999841	45
56	272238	9996293	8.434948	9.999839	44
57	273982	9996246	8.437722	9.999837	43
58	275727	9996198	8.440479	9.999835	42
59	277472	9996150	8.443219	9.999833	41
60	279216	9996101	8.445941	9.999830	40
61	280961	9996052	8.448646	9.999828	39
62	282705	9996003	8.451334	9.999826	38
63	284450	9995953	8.454006	9.999824	37
64	286195	9995904	8.456662	9.999822	36
65	287939	9995853	8.459301	9.999820	35
66	289684	9995803	8.461924	9.999818	34
		Sinus		Log.Sin.	M

1. GRAD.

M	Tangen		Log.Tan		
33	232170	430717955	8.365807	11.634193	67
34	233917	427502483	8.369061	11.630938	66
35	235663	424334639	8.372291	11.627708	65
36	237409	421213372	8.375498	11.624502	64
37	239155	418137662	8.378681	11.621319	63
38	240902	415106520	8.381840	11.618159	62
39	242648	412118982	8.384977	11.615022	61
40	244395	409174116	8.388092	11.611908	60
41	246141	406271012	8.391184	11.608816	59
42	247887	403408789	8.394254	11.605745	58
43	249634	400586589	8.397303	11.602696	57
44	251380	397803578	8.400331	11.599668	56
45	253127	395058946	8.403338	11.596662	55
46	254873	392351902	8.406324	11.593676	54
47	256620	389681682	8.409290	11.590710	53
48	258366	387047538	8.412235	11.587764	52
49	260112	384448744	8.415161	11.584838	51
50	261859	381884593	8.418068	11.581932	50
51	263606	379354396	8.420955	11.579045	49
52	265352	376857483	8.423823	11.576177	48
53	267099	374393203	8.426672	11.573328	47
54	268845	371960918	8.429502	11.570497	46
55	270592	369560010	8.432315	11.567685	45
56	272338	367189876	8.435109	11.564890	44
57	274085	364849927	8.437886	11.562114	43
58	275832	362539590	8.440644	11.559355	42
59	277578	360258307	8.443386	11.556614	41
60	279325	358005533	8.446110	11.553890	40
61	281072	355780736	8.448817	11.551182	39
62	282819	353583398	8.451508	11.548492	38
63	284565	351413015	8.454182	11.545818	37
64	286312	349269092	8.456840	11.543160	36
65	288059	347151150	8.459481	11.540518	35
66	289806	345058718	8.462107	11.537893	34
		Tangens		Log. Tan.	M

GRAD. 88

1 GRAD.

M	Sinus		Log. Sin.		
67	291429	9995752	8.464532	9.999815	33
68	293173	9995701	8.467124	9.999813	32
69	294918	9995650	8.469701	9.999811	31
70	296662	9995598	8.472262	9.999809	30
71	298407	9995546	8.474809	9.999806	29
72	300151	9995494	8.477340	9.999804	28
73	301895	9995442	8.479857	9.999802	27
74	303640	9995389	8.482360	9.999800	26
75	305385	9995336	8.484848	9.999797	25
76	307129	9995282	8.487322	9.999795	24
77	308874	9995228	8.489781	9.999793	23
78	310618	9995174	8.492227	9.999790	22
79	312363	9995120	8.494660	9.999708	21
80	314107	9995065	8.497078	9.999785	20
81	315852	9995010	8.499484	9.999783	19
82	317596	9994955	8.501876	9.999781	18
83	319341	9994900	8.504254	9.999778	17
84	321085	9994844	8.506620	9.999776	16
85	322830	9994787	8.508973	9.999773	15
86	324574	9994731	8.511314	9.999771	14
87	326318	9994674	8.513642	9.999768	13
88	328063	9994617	8.515957	9.999766	12
89	329807	9994560	8.518260	9.999763	11
90	331552	9994502	8.520551	9.999761	10
91	333296	9994444	8.522830	9.999758	9
92	335040	9994386	8.525097	9.999756	8
93	336785	9994327	8.527352	9.999753	7
94	338529	9994268	8.529596	9.999751	6
95	340273	9994209	8.531828	9.999748	5
96	342018	9994149	8.534049	9.999746	4
97	343762	9994089	8.536258	9.999743	3
98	345506	9994029	8.538456	9.999740	2
99	347250	9993969	8.540643	9.999738	1
	348995	9993908	8.542819	9.999735	0
		Sinus		Log. Sin.	M

GRAD. 8

M	Tangen		*Log.Tan.*		
67	291552	342991338	8.464717	11.535283	33
68	293299	340948562	8.467311	11.532689	32
69	295046	338929955	8.469890	11.530110	31
70	296793	336935089	8.472454	11.527546	30
71	298540	334963548	8.475002	11.524997	29
72	300287	333014925	8.477536	11.522463	28
73	302034	331088823	8.480055	11.519944	27
74	303780	329184854	8.482560	11.517440	26
75	305527	327302637	8.485050	11.514949	25
76	307274	325441802	8.487526	11.512473	24
77	309021	323601988	8.489989	11.510011	23
78	310768	321782839	8.492437	11.507563	22
79	312515	319984009	8.494872	11.505128	21
80	314262	318205159	8.497293	11.502707	20
81	316010	316445959	8.499700	11.500299	19
82	317757	314706085	8.502095	11.497905	18
83	319504	312985219	8.504476	11.495524	17
84	321251	311283052	8.506844	11.493155	16
85	322998	309599280	8.509200	11.490800	15
86	324745	307933607	8.511543	11.488457	14
87	326492	306285743	8.513873	11.486127	13
88	328240	304655403	8.516191	11.483809	12
89	329987	303042309	8.518497	11.481503	11
90	331734	301446188	8.520790	11.479210	10
91	333481	299866775	8.523071	11 476928	9
92	335229	298303809	8.525341	11.474659	8
93	336976	296757032	8.527599	11.472401	7
94	338723	295226196	8.529845	11.470155	6
95	340470	293711055	8.532080	11.467920	5
96	342218	292211368	8.534303	11.465697	4
97	343965	290726901	8.536515	11.463485	3
98	345713	289257423	8.538715	11.461284	2
99	347460	287802707	8.540905	11.459095	1
	349207	286362533	8.543084	11.456916	0
		Tangens		*Log.Tang*	M

M	Sinus		*Log. Sin.*		
0	348995	9993908	8.542819	9.999735	
1	350739	9993847	8.544984	9.999733	99
2	352483	9993786	8.547139	9.999730	98
3	354227	9993724	8.549282	9.999727	97
4	355972	9993662	8.551416	9.999724	96
5	357716	9993600	8.553538	9.999722	95
6	359460	9993537	8.555651	9.999719	94
7	361204	9993474	8.557753	9.999716	93
8	362948	9993411	8.559845	9.999714	92
9	364693	9993348	8.561927	9.999711	91
10	366437	9993284	8.563999	9.999708	90
11	368181	9993220	8.566061	9.999705	89
12	369925	9993155	8.568114	9.999702	88
13	371669	9993091	8.570157	9.999700	87
14	373413	9993025	8.572190	9.999697	86
15	375158	9992960	8.574214	9.999694	85
16	376902	9992895	8.576228	9.999691	84
17	378646	9992829	8.578233	9.999688	83
18	380390	9992762	8.580229	9.999685	82
19	382134	9992696	8.582216	9.999682	81
20	383878	9992629	8.584193	9.999679	80
21	385622	9992562	8.586162	9.999676	79
22	387366	9992494	8.588121	9.999673	78
23	389110	9992427	8.590072	9.999670	77
24	390854	9992359	8.592015	9.999668	76
25	392598	9992290	8.593948	9.999665	75
26	394342	9992221	8.595873	9.999662	74
27	396086	9992153	8.597789	9.999659	73
28	397830	9992083	8.599697	9.999656	72
29	399574	9992014	8.601597	9.999653	71
30	401318	9991944	8.603488	9.999650	70
31	403062	9991874	8.605371	9.999647	69
32	404806	9991803	8.607246	9.999644	68
33	406549	9991732	8.609113	9.999641	67
		Sinus		*Log. Sin.*	M

2 GRAD.

M	Tangen		Log.Tan		
0	349207	286362533	8.543084	11.456916	
1	350955	284936683	8.545251	11.454748	99
2	352702	283524944	8.547409	11.452591	98
3	354450	282127108	8.549555	11.450445	97
4	356197	280742972	8.551691	11.448309	96
5	357945	279372333	8.553816	11.446183	95
6	359693	278014996	8.555932	11.444068	94
7	361440	276670767	8.558037	11.441963	93
8	363188	275339458	8.560131	11.439868	92
9	364935	274020883	8.562216	11.437783	91
10	366683	272714861	8.564291	11.435709	90
11	358431	271421213	8.566356	11.433644	89
12	370179	270139763	8.568411	11.431588	88
13	371926	268870340	8.570457	11.429543	87
14	373674	267612776	8.572493	11.427507	86
15	375422	266366904	8.574520	11.425480	85
16	377170	265132563	8.576537	11.423463	84
17	378917	263909593	8.578545	11.421455	83
18	380665	262697837	8.580543	11.419456	82
19	382413	261497142	8.582533	11.417467	81
20	384161	260307358	8.584513	11.415486	80
21	385909	259128335	8.586485	11.413515	79
22	387657	257959929	8.588448	11.411552	78
23	389405	256801997	8 590401	11.409598	77
24	391153	255654399	8.592347	11.407653	76
25	392901	254516996	8.594283	11.405717	75
26	394649	253389653	8.596211	11.403789	74
27	396397	252272238	8.598130	11.401869	73
28	398145	251164619	8.600041	11.399958	72
29	399893	250066669	8 601944	11.398056	71
30	401641	248978262	8.603838	11.396161	70
31	403389	247899272	8.605725	11.394275	69
32	405138	246829580	8.607603	11.392397	68
33	406886	245769064	8.609473	11.390527	67
		Tangens		Log.Tang	M

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M	Sinus		Log.Sin.		
33	406549	9991732	8.609113	9.999641	57
34	408293	9991661	8.610973	9.999638	66
35	410037	9991590	8.612823	9.999634	65
36	411781	9991518	8.614666	9.999631	64
37	413525	9991446	8.616502	9.999628	63
38	415269	9991374	8.618329	9.999625	62
39	417013	9991301	8.620149	9.999622	61
40	418756	9991228	8.621961	9.999619	60
41	420500	9991155	8.623766	9.999615	59
42	422244	9991081	8.625563	9.999612	58
43	423988	9991007	8.627353	9.999609	57
44	425731	9990933	8.629136	9.999606	56
45	427475	9990859	8.630911	9.999603	55
46	429219	9990784	8.632679	9.999599	54
47	430963	9990709	8.634440	9.999596	53
48	432706	9990634	8.636193	9.999593	52
49	434450	9990558	8.637940	9.999589	51
50	436194	9990482	8.639679	9.999586	50
51	437937	9990406	8.641412	9.999583	49
52	439681	9990329	8.643138	9.999580	48
53	441425	9990252	8.644857	9.999576	47
54	443168	9990175	8.646569	9.999573	46
55	444912	9990098	8.648274	9.999570	45
56	446655	9990020	8.649973	9.999566	44
57	448399	9989942	8.651665	9.999563	43
58	450143	9989863	8.653350	9.999559	42
59	451886	9989785	8.655029	9.999556	41
60	453630	9989705	8.656701	9.999552	40
61	455373	9989626	8.658367	9.999549	39
62	457117	9989547	8.660027	9.999546	38
63	458860	9989467	8.661680	9.999542	37
64	460604	9989386	8.663327	9.999539	36
65	462347	9989306	8.664968	9.999535	35
66	464091	9989225	8.666603	9.999532	34
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
33	406886	245769064	8.609473	11.390527	67
34	408634	244717608	8.611335	11.388665	66
35	410382	243675095	8.613189	11.386811	65
36	412131	242641412	8.615035	11.384965	64
37	413879	241616447	8.616873	11.383126	63
38	415627	240600090	8.618704	11.381296	62
39	417376	239592234	8.620527	11.379473	61
40	419124	238592772	8.622343	11.377657	60
41	420872	237601599	8.624150	11.375849	59
42	422621	236618513	8.625951	11.374049	58
43	424369	235643712	8.627744	11.372256	57
44	426117	234676798	8.629530	11.370470	56
45	427865	233717772	8.631308	11.368692	55
46	429615	232766538	8.633079	11.366920	54
47	431363	231823002	8.634843	11.365156	53
48	433112	230887070	8.636600	11.363399	52
49	434861	229958551	8.638350	11.361650	51
50	436609	229037655	8.640093	11.359907	50
51	438358	228123993	8.641829	11.358171	49
52	440107	227217578	8.643558	11.356442	48
53	441855	226318323	8.645280	11.354720	47
54	443604	225426144	8.646996	11.353004	46
55	445353	224540959	8 648704	11.351295	45
56	447102	223662684	8.650406	11.349593	44
57	448850	222791240	8.652102	11.347898	43
58	450599	221926546	8.653791	11.346209	42
59	452348	221068525	8.655473	11.344527	41
60	454097	220217100	8.657149	11.342851	40
61	455846	219372195	8.658818	11.341181	39
62	457595	218533734	8.660481	11.339518	38
63	459344	217701646	8.662138	11.337862	37
64	461093	216875857	8.663789	11.336211	36
65	462842	216056296	8.665433	11.334567	35
66	464591	215242892	8.667071	11.332929	34
		Tangens		Log.Tan.	M

M	Sinus		Log. Sin.		
67	465834	9989144	8.668231	9.999528	33
68	467577	9989062	8.669854	9.999525	32
69	469321	9988981	8.671470	9.999521	31
70	471064	9988899	8.673080	9.999517	30
71	472808	9988816	8.674685	9.999514	29
72	474551	9988734	8.676283	9.999510	28
73	476294	9988651	8.677875	9.999507	27
74	478038	9988567	8.679462	9.999503	26
75	479781	9988484	8.681043	9.999499	25
76	481524	9988400	8.682618	9.999496	24
77	483268	9988316	8.684188	9.999492	23
78	485011	9988231	8.685752	9.999488	22
79	486754	9988146	8.687310	9.999485	21
80	488497	9988061	8.688862	9.999481	20
81	490241	9987975	8.690409	9.999477	19
82	491984	9987890	8.691951	9.999474	18
83	493727	9987804	8.693487	9.999470	17
84	495470	9987718	8.695018	9.999466	16
85	497214	9987631	8.696543	9.999462	15
86	498957	9987544	8.698063	9.999459	14
87	500700	9987457	8.699577	9.999455	13
88	502443	9987369	8.701087	9.999451	12
89	504186	9987282	8.702591	9.999447	11
90	505929	9987193	8.704090	9.999443	10
91	507672	9987105	8.705583	9.999439	9
92	509415	9987016	8.707072	9.999436	8
93	511158	9986927	8.708555	9.999432	7
94	512901	9986838	8.710034	9.999428	6
95	514644	9986748	8.711507	9.999424	5
96	516387	9986658	8.712976	9.999420	4
97	518130	9986568	8.714439	9.999416	3
98	519873	9986477	8.715898	9.999412	2
99	521616	9986386	8.717351	9.999408	1
	523359	9986295	8.718800	9.999404	0
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
67	466340	214435578	8.668703	11.331297	33
68	468089	213634283	8.670329	11.329671	32
69	469839	212838942	8.671949	11.328051	31
70	471588	212049488	8.673563	11.326437	30
71	473337	211265856	8.675170	11.324829	29
72	475086	210487981	8.676772	11.323227	28
73	476836	209715801	8.678369	11.321631	27
74	478585	208949253	8.679959	11.320041	26
75	480334	208188276	8.681544	11.318456	25
76	482083	207432809	8.683122	11.316877	24
77	483833	206682792	8.684695	11.315304	23
78	485582	205938167	8.686263	11.313737	22
79	487332	205198875	8.687825	11.312175	21
80	489081	204464860	8.689381	11.310618	20
81	490831	203736066	8.690932	11.309068	19
82	492580	203012435	8.692477	11.307522	18
83	494330	202293915	8.694017	11.305983	17
84	496080	201580451	8.695551	11.304448	16
85	497829	200871989	8.697080	11.302919	15
86	499579	200168478	8.698604	11.301395	14
87	501329	199469864	8.700123	11.299877	13
88	503078	198776099	8.701636	11.298364	12
89	504828	198087130	8.703144	11.296856	11
90	506578	197402909	8.704646	11.295353	10
91	508328	196723387	8.706144	11.293856	9
92	510078	196048515	8.707636	11.292363	8
93	511828	195378245	8.709124	11.290876	7
94	513577	194712531	8.710606	11.289394	6
95	515327	194051327	8.712083	11.287916	5
96	517077	193394586	8.413555	11.286444	4
97	518827	192742264	8.715023	11.284977	3
98	520577	192094316	8.716485	11.283514	2
99	522327	191450698	8.717943	11.282057	1
	524078	190811367	8.719396	11.280604	0
		Tangens		Log.Tang	M

M	Sinus		Log. Sin.		
0	523359	9986295	8.718800	9.999404	
1	525102	9986204	8.720244	9.999400	99
2	526845	9986112	8.721683	9.999396	98
3	528588	9986020	8.723117	9.999392	97
4	530331	9985927	8.724547	9.999388	96
5	532074	9985835	8.725972	9.999384	95
6	533817	9985742	8.727392	9.999380	94
7	535560	9985648	8.728808	9.999376	93
8	537302	9985555	8.730219	9.999372	92
9	539045	9985461	8 731625	9.999368	91
10	540788	9985367	8.733027	9.999364	90
11	542531	9985272	8.734424	9.999360	89
12	544273	9985177	8.735817	9.999356	88
13	546016	9985082	8.737205	9.999351	87
14	547759	9984987	8.738589	9.999347	86
15	549502	9984891	8.739969	9.999343	85
16	551244	9984795	8.741344	9.999339	84
17	552987	9984698	8.742715	9.999335	83
18	554730	9984602	8.744081	9.999331	82
19	556472	9984505	8.745443	9.999326	81
20	558215	9984407	8.746801	9.999322	80
21	559957	9984310	8.748155	9.999318	79
22	561700	9984212	8 749504	9.999314	78
23	563443	9984114	8.750850	9.999309	77
24	565185	9984015	8.752191	9.999305	76
25	566928	9983917	8.753528	9.999301	75
26	568670	9983817	8.754860	9.999296	74
27	570413	9983718	8.756189	9.999292	73
28	572155	9983618	8.757514	9.999288	72
29	573898	9983518	8.758834	9.999283	71
30	575640	9983418	8.760151	9.999279	70
31	577382	9983317	8.761464	9.999275	69
32	579125	9983216	8.762772	9.999270	68
33	580867	9983115	8.764077	9.999266	67
		Sinus		Log. Sin.	M

3 GRAD.

M	Tangen		Log.Tan		
0	524078	190811367	8.719396	11.280604	
1	525828	190176280	8.720843	11.279156	99
2	527578	189545395	8.722287	11.277713	98
3	529328	188918671	8.723725	11.276275	97
4	531078	188296065	8.725159	11.274841	96
5	532829	187677539	8.726587	11.273412	95
6	534579	187063052	8.728012	11.271988	94
7	536329	186452564	8.729431	11.270568	93
8	538080	185846036	8.730846	11.269153	92
9	539830	185243431	8.732257	11.267743	91
10	541580	184644709	8.733663	11.266337	90
11	543331	184049834	8.735064	11.264935	89
12	545081	183458769	8.736461	11.263538	88
13	546832	182871476	8.737854	11.262146	87
14	548583	182287921	8.739242	11.260758	86
15	550333	181708067	8.740626	11.259374	85
16	552084	181131879	8.742005	11.257995	84
17	553834	180559323	8.743380	11.256620	83
18	555585	179990364	8.744751	11.255249	82
19	557336	179424969	8.746117	11.253883	81
20	559087	178863104	8.747479	11.252521	80
21	560837	178304735	8.748837	11.251163	79
22	562588	177749832	8.750191	11.249809	78
23	564339	177198360	8.751540	11.248459	77
24	566090	176650290	8.752885	11.247114	76
25	567841	176105588	8.754227	11.245773	75
26	569592	175564225	8.755564	11.244436	74
27	571343	175026169	8.756897	11.243103	73
28	573094	174491390	8.758226	11.241774	72
29	574845	173959859	8.759551	11.240449	71
30	576596	173431545	8.760872	11.239128	70
31	578347	172906421	8.762189	11.237811	69
32	580099	172384456	8.763502	11.236498	68
33	581850	171865623	8.764811	11.235189	67
		Tangens		Log. Tan.	M

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3 GRAD.

M	Sinus		Log. Sin.		
33	580867	9983115	8.764077	9.999266	67
34	582610	9983014	8.765378	9.999261	66
35	584352	9982912	8.766675	9.999257	65
36	586094	9982810	8.767967	9.999253	64
37	587837	9982707	8.769257	9.999248	63
38	589579	9982604	8.770542	9.999244	62
39	591321	9982501	8.771823	9.999239	61
40	593064	9982398	8.773101	9.999235	60
41	594806	9982294	8.774375	9.999230	59
42	596548	9982190	8.775645	9.999226	58
43	598290	9982086	8.776912	9.999221	57
44	600032	9981982	8.778175	9.999217	56
45	601775	9981877	8.779434	9.999212	55
46	603517	9981772	8.780689	9.999207	54
47	605259	9981666	8.781941	9.999203	53
48	607001	9981560	8.783189	9.999198	52
49	608743	9981454	8.784434	9.999194	51
50	610485	9981348	8.785675	9.999189	50
51	612227	9981241	8.786913	9.999184	49
52	613969	9981134	8.788147	9.999180	48
53	615711	9981027	8.789377	9.999175	47
54	617453	9980919	8.790604	9.999170	46
55	619195	9980811	8.791828	9.999166	45
56	620937	9980703	8.793048	9.999161	44
57	622679	9980594	8.794264	9.999156	43
58	624421	9980486	8.795478	9.999151	42
59	626163	9980377	8.796687	9.999147	41
60	627905	9980267	8.797894	9.999142	40
61	629647	9980157	8.799097	9.999137	39
62	631389	9980047	8.800297	9.999132	38
63	633131	9979937	8.801493	9.999128	37
64	634872	9979826	8.802686	9.999123	36
65	636614	9979715	8.803876	9.999118	35
66	638356	9979604	8.805063	9.999113	34
		Sinus		Log. Sin.	M

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3 GRAD.

M	Tangen		Log.Tan		
33	581849	171865623	8.764811	11.235189	67
34	583601	171349892	8.766116	11.233884	66
35	585352	170837238	8.767417	11.232582	65
36	587104	170327631	8.768715	11.231285	64
37	588855	169821046	8.770008	11.229991	63
38	590606	169317454	8.771298	11.228702	62
39	592358	168816830	8.772584	11.227416	61
40	594109	168319143	8.773866	11.226133	60
41	595861	167824381	8.775145	11.224855	59
42	597612	167332504	8.776419	11.223580	58
43	599364	166843492	8.777691	11.222309	57
44	601115	166357319	8.778958	11.221042	56
45	602867	165873962	8.780222	11.219778	55
46	604619	165393395	8.781482	11.218518	54
47	606371	164915594	8.782738	11.217262	53
48	608122	164440536	8.783991	11.216009	52
49	609874	163968198	8.785240	11.214759	51
50	611626	163498555	8.786486	11.213514	50
51	613378	163031584	8.787728	11.212272	49
52	615130	162567264	8.788967	11.211033	48
53	616882	162105571	8.790202	11.209798	47
54	618634	161646483	8.791434	11.208566	46
55	620386	161189978	8.792662	11.207338	45
56	622138	160736035	8.793887	11.206113	44
57	623890	160284631	8.795108	11.204892	43
58	625642	159835746	8.796326	11.203674	42
59	627394	159389359	8.797540	11.202459	41
60	629146	158945448	8.798752	11.201248	40
61	630898	158503994	8.799960	11.200040	39
62	632651	158064975	8.801164	11.198835	38
63	634403	157628371	8.802365	11.197634	37
64	636156	157194164	8.803563	11.196436	36
65	637908	156762332	8.804758	11.195242	35
66	639661	156332857	8.805950	11.194050	34
		Tangen		Log. Tan.	M

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M	Sinus		*Log. Sin.*		
67	640098	9979493	8.806246	9.999108	33
68	641839	9979381	8.807426	9.999103	32
69	643581	9979268	8.808603	9.999099	31
70	645323	9979156	8.809777	9.999094	30
71	647065	9979043	8.810948	9.999089	29
72	648806	9978930	8.812115	9.999084	28
73	650548	9978817	8.813279	9.999079	27
74	652289	9978703	8.814440	9.999074	26
75	654031	9978589	8.815598	9.999069	25
76	655772	9978475	8.816753	9.999064	24
77	657514	9978360	8.817905	9.999059	23
78	659256	9978245	8.819054	9.999054	22
79	660997	9978130	8.820200	9.999049	21
80	662739	9978014	8.821342	9.999044	20
81	664480	9977899	8.822482	9.999039	19
82	666222	9977783	8.823619	9.999034	18
83	667963	9977666	8.824752	9.999029	17
84	669705	9977549	8.825883	9.999024	16
85	671446	9977432	8.827011	9.999019	15
86	673187	9977315	8.828136	9.999013	14
87	674929	9977197	8.829258	9.999008	13
88	676670	9977079	8.830377	9.999003	12
89	678411	9976961	8.831493	9.998998	11
90	680153	9976843	8.832606	9.998993	10
91	681894	9975724	8.833717	9.998988	9
92	683635	9976605	8.834824	9.998983	8
93	685376	9975485	8.835929	9.998977	7
94	687118	9976365	8.837031	9.998972	6
95	688859	9976245	8.838130	9.998967	5
96	690600	9976125	8.839227	9.998962	4
97	692341	9976004	8.840320	9.998956	3
98	694082	9975883	8.841411	9.998951	2
99	695823	9975762	8.842499	9.998946	1
	697565	9975640	8.843584	9.998941	0
		Sinus		*Log. Sin.*	M

M	Tangen		*Log.Tan*		
67	641413	155905720	8.807138	11.192862	33
68	643166	155480900	8.808323	11.191677	32
69	644918	155058380	8.809505	11.190495	31
70	646671	154638141	8.810683	11.189316	30
71	648423	154220164	8.811859	11.188141	29
72	650176	153804431	8.813031	11.186969	28
73	651929	153390924	8.814200	11.185799	27
74	653682	152979625	8.815366	11.184633	26
75	655434	152570517	8.816529	11.183470	25
76	657187	152163581	8.817689	11.182311	24
77	658940	151758802	8.818846	11.181154	23
78	660693	151356161	8.820000	11.180000	22
79	662446	150955641	8.821150	11.178849	21
80	664199	150557227	8.822298	11.177701	20
81	665952	150160901	8.823443	11.176557	19
82	667705	149766647	8.824585	11.175415	18
83	669458	149374449	8.825723	11.174276	17
84	671212	148984290	8.826859	11.173140	16
85	672965	148596155	8.827992	11.172007	15
86	674718	148210028	8.829122	11.170877	14
87	676471	147825894	8.830249	11.169750	13
88	678225	147443736	8.831373	11.168626	12
89	679978	147063541	8.832495	11.167505	11
90	681731	146685292	8.833613	11.166386	10
91	683485	146308975	8.834729	11.165271	9
92	685238	145934575	8.835842	11.164158	8
93	686992	145562077	8.836952	11.163048	7
94	688746	145191468	8.838059	11.161941	6
95	690499	144822732	8.839163	11.160837	5
96	692253	144455855	8.840265	11.159735	4
97	694007	144090824	8.841363	11.158636	3
98	695760	143727623	8.842460	11.157540	2
99	697514	143366241	8.843553	11.156447	1
	699268	143006662	8.844644	11.155356	0
		Tangens		*Log.Tang*	M

4 GRAD.

M	Sinus		Log.Sin.		
0	697565	9975640	8.843584	9.998941	
1	699306	9975518	8.844667	9.998935	99
2	701047	9975396	8.845747	9.998930	98
3	702788	9975274	8.846824	9.998925	97
4	704529	9975151	8.847899	9 998919	96
5	706270	9975028	8.848970	9.998914	95
6	708011	9974904	8.850040	9.998909	94
7	709752	9974781	8.851106	9.998903	93
8	711492	9974657	8.852170	9.998898	92
9	713233	9974532	8.853232	9.998892	91
10	714974	9974408	8.854290	9.998887	90
11	716715	9974283	8.855346	9.998881	89
12	718456	9974157	8.856400	9.998876	88
13	720197	9974032	8.857451	9.998871	87
14	721938	9973906	8.858500	9.998865	86
15	723678	9973780	8.859545	9.998860	85
16	725419	9973653	8.860589	9.998854	84
17	727160	9973527	8.861630	9.998849	83
18	728900	9973400	8.862668	9.998843	82
19	730641	9973272	8.863704	9.998837	81
20	732382	9973145	8.864737	9.998832	80
21	734122	9973017	8.865768	9.998826	79
22	735863	9972888	8.866797	9.998821	78
23	737604	9972760	8.867823	9.998815	77
24	739344	9972631	8.868847	9.998810	76
25	741085	9972502	8.869867	9.998804	75
26	742825	9972372	8.870887	9.998798	74
27	744566	9972242	8.871903	9.998793	73
28	746306	9972112	8.872917	9.998787	72
29	748047	9971982	8.873929	9.998781	71
30	749787	9971851	8.874938	9.998776	70
31	751527	9971720	8.875945	9.998770	69
32	753268	9971589	8.876949	9.998764	68
33	755008	9971457	8.877952	9.998758	67
		Sinus		Log.Sin	M

GRAD. 85

M	Tangen		Log.Tan		
0	699268	143006662	8.844644	11.155356	
1	701022	142648874	8.845731	11.154268	99
2	702776	142292864	8.846817	11.153183	98
3	704530	141938617	8.847899	11.152100	97
4	706284	141586121	8.848979	11.151020	96
5	708038	141235362	8.850056	11.149943	95
6	709792	140886329	8.851131	11.148869	94
7	711546	140539008	8.852203	11.147797	93
8	713300	140193387	8.853272	11.146727	92
9	715054	139849453	8.854339	11.145661	91
10	716809	139507194	8.855403	11.144596	90
11	718563	139166597	8.856465	11.143535	89
12	720317	138827651	8.857524	11.142476	88
13	722072	138490344	8.858580	11.141419	87
14	723826	138154663	8.859634	11.140365	86
15	725581	137820597	8.860686	11.139314	85
16	727335	137488135	8.861735	11.138265	84
17	729090	137157264	8.862781	11.137219	83
18	730845	136827974	8.863825	11.136175	82
19	732599	136500252	8.864866	11.135133	81
20	734354	136174089	8.865905	11.134094	80
21	736109	135849472	8.866942	11.133058	79
22	737863	135526391	8.867976	11.132024	78
23	739618	135204834	8.869008	11.130992	77
24	741373	134884792	8.870037	11.129963	76
25	743128	134566253	8.871064	11.128936	75
26	744883	134249207	8.872088	11.127912	74
27	746638	133933642	8.873110	11.126889	73
28	748393	133619551	8.874130	11.125870	72
29	750148	133306920	8.875147	11.124852	71
30	751904	132995741	8.876162	11.123838	70
31	753659	132686003	8.877175	11.122825	59
32	755414	132377696	8.878185	11.121815	68
33	757169	132070811	8.879193	11.120807	67
		Tangens		Log. Tan.	M

4 GRAD.

M	Sinus		Log. Sin.		
33	755008	9971457	8.877952	9.998758	67
34	756749	9971325	8.878952	9.998753	66
35	758489	9971193	8.879949	9.998747	65
36	760229	9971060	8.880944	9.998741	64
37	761969	9970928	8.881937	9.998735	63
38	763710	9970795	8.882928	9.998730	62
39	765450	9970661	8.883917	9.998724	61
40	767190	9970527	8.884903	9.998718	60
41	768930	9970393	8.885887	9.998712	59
42	770670	9970259	8.886869	9.998706	58
43	772411	9970124	8.887848	9.998700	57
44	774151	9969989	8.888825	9.998695	56
45	775891	9969854	8.889800	9.998689	55
46	777631	9969718	8.890773	9.998683	54
47	779371	9969583	8.891744	9.998677	53
48	781111	9969446	8.892713	9.998671	52
49	782851	9969310	8.893679	9.998665	51
50	784591	9969173	8.894643	9.998659	50
51	786331	9969036	8.895605	9.998653	49
52	788071	9968899	8.896565	9.998647	48
53	789810	9968761	8.897523	9.998641	47
54	791550	9968623	8.898478	9.998635	46
55	793290	9968485	8.899432	9.998629	45
56	795030	9968345	8.900383	9.998623	44
57	796770	9968207	8.901333	9.998617	43
58	798510	9968068	8.902280	9.998511	42
59	800249	9967928	8.903225	9.998605	41
60	801989	9967789	8.904168	9.998599	40
61	803729	9967648	8.905109	9.998593	39
62	805458	9967508	8.906048	9.998586	38
63	807208	9967367	8.906985	9.998580	37
64	808948	9967226	8.907920	9.998574	36
65	810687	9967085	8.908853	9.998568	35
66	812427	9966943	8.909784	9.998562	34
		Sinus		Log.Sin.	M

GRAD. 85

M	Tangen		Log.Tan		
33	757169	132070811	8.879193	11.120807	67
34	758924	131765337	8.880199	11.119801	66
35	760680	131461265	8.881202	11.118798	65
36	762436	131158586	8.882203	11.117797	64
37	764191	130857288	8.883202	11.116798	63
38	765947	130557364	8.884198	11.115801	62
39	767702	130258804	8.885193	11.114807	61
40	769458	129961598	8.886185	11.113815	60
41	771214	129665738	8.887175	11.112825	59
42	772969	129371213	8.888162	11.111837	58
43	774725	129078015	8.889148	11.110852	57
44	776481	128786136	8.890131	11.109869	56
45	778237	128495566	8.891112	11.108888	55
46	779993	128206296	8.892090	11.107909	54
47	781749	127918318	8.893067	11.106933	53
48	783505	127631623	8.894042	11.105958	52
49	785261	127346202	8.895014	11.104986	51
50	787017	127062047	8.895984	11.104016	50
51	788773	126779150	8.896952	11.103048	49
52	780529	126497502	8.897918	11.102082	48
53	792286	126217095	8.898882	11.101118	47
54	794042	125937920	8.899843	11.100156	46
55	795798	125659970	8.900803	11.099197	45
56	797555	125383237	8.901760	11.098239	44
57	799311	125107712	8.902716	11.097284	43
58	801068	124833388	8.903669	11.096331	42
59	802824	124560256	8.904620	11.095379	41
60	804581	124288310	8.905570	11.094430	40
61	806337	124017541	8.906517	11.093483	39
62	808094	123747941	8.907462	11.092538	38
63	809851	123479504	8.908405	11.091595	37
64	811608	123212221	8.909346	11.090654	36
65	813364	122946085	8.910285	11.089715	35
66	815121	122681089	8.911222	11.088777	34
		Tangen		Log. Tan.	M

M	Sinus		*Log.Sin.*		
67	814166	9966801	8.910713	9.998556	33
68	815906	9966659	8.911640	9.998549	32
69	817645	9966517	8.912565	9.998543	31
70	819385	9966373	8.913488	9.998537	30
71	821124	9966230	8.914409	9.998531	29
72	822864	9966087	8.915328	9.998524	28
73	824603	9965943	8.916245	9.998518	27
74	826343	9965799	8.917160	9.998512	26
75	828082	9965655	8.918073	9.998506	25
76	829821	9965510	8.918984	9.998499	24
77	831560	9965365	8.919894	9.998493	23
78	833300	9965220	8.920801	9.998487	22
79	835039	9965074	8.921707	9.998480	21
80	836778	9964928	8.922610	9.998474	20
81	838517	9964782	8.923512	9.998468	19
82	840257	9964636	8.924412	9.998461	18
83	841996	9964489	8.925310	9.998455	17
84	843735	9964341	8.926206	9.998448	16
85	845474	9964194	8.927100	9.998442	15
86	847213	9964046	8.927993	9.998436	14
87	848952	9963899	8.928883	9.998429	13
88	850691	9963750	8.929772	9.998423	12
89	852430	9963602	8.930659	9.998416	11
90	854169	9963453	8.931544	9.998410	10
91	855908	9963304	8.932427	9.998403	9
92	857647	9963154	8.933308	9.998397	8
93	859386	9963004	8.934188	9.998390	7
94	861125	9962854	8.935066	9.998384	6
95	862863	9962703	8.935942	9.998377	5
96	864602	9962553	8.936816	9.998370	4
97	866341	9962402	8.937689	9.998364	3
98	868080	9962250	8.938560	9.998357	2
99	869819	9962099	8.939429	9.998350	1
	871557	9961947	8.940296	9.998344	0
		Sinus		*Log.Sin.*	M

M	Tangen		Log.Tan		
67	816878	122417225	8 912157	11.087842	33
68	818635	122154487	8.913090	11.086909	32
69	820392	121892866	8.914022	11.085978	31
70	822149	121632356	8.914951	11.085049	30
71	823907	121372950	8.915878	11.084122	29
72	825664	121114640	8.916803	11.083196	28
73	827421	120857421	8.917726	11.082273	27
74	829178	120601284	8.918648	11.081352	26
75	830935	120346223	8.919567	11.080432	25
76	832693	120092231	8.920485	11.079515	24
77	834451	119839302	8 921401	11.078599	23
78	836208	119587429	8.922314	11.077685	22
79	837966	119336605	8.923226	11.076773	21
80	839723	119086824	8.924136	11.075864	20
81	841481	118838079	8.925044	11.074955	19
82	843239	118590363	8.925950	11.074049	18
83	844996	118343671	8.926855	11.073145	17
84	846754	118097996	8.927757	11.072242	16
85	848512	117853331	8.928658	11.071342	15
86	850270	117609671	8.929557	11.070443	14
87	852028	117367009	8.930454	11.069546	13
88	853786	117125340	8.931349	11.068651	12
89	855544	116884656	8.932242	11.067757	11
90	857302	116644953	8.933134	11.066866	10
91	859060	116406223	8.934024	11.065976	9
92	860819	116168461	8.934912	11.065088	8
93	862577	115931662	8.935798	11.064202	7
94	864335	115695819	8.936682	11.063317	6
95	866094	115460927	8.937565	11.062435	5
96	867852	115226979	8.938446	11 061554	4
97	869611	114993970	8.939325	11.060675	3
98	871369	114761895	8.940202	11.059798	2
99	873128	114530748	8 941078	11.058922	1
	874886	114300524	8.941952	11.058048	0
		Tangens		Log.Tang	M

5 GRAD.

M	Sinus		Log.Sin.		
0	871557	9961947	8.940296	9.998344	
1	873296	9961795	8.941161	9.998337	99
2	875035	9961642	8.942025	9.998331	98
3	876773	9961489	8.942887	9.998324	97
4	878512	9961336	8.943747	9.998317	96
5	880250	9961182	8.944606	9.998311	95
6	881989	9961029	8.945463	9.998304	94
7	883727	9960875	8.946318	9.998297	93
8	885466	9960720	8.947172	9.998291	92
9	887204	9960565	8.948024	9.998284	91
10	888943	9960410	8.948874	9.998277	90
11	890681	9960255	8.949722	9.998270	89
12	892420	9960100	8.950569	9.998263	88
13	894158	9959944	8.951414	9.998257	87
14	895896	9959787	8.952258	9.998250	86
15	897635	9959631	8.953099	9.998243	85
16	899373	9959474	8.953940	9.998236	84
17	901111	9959317	8.954778	9.998229	83
18	902849	9959160	8.955615	9.998222	82
19	904587	9959002	8.956450	9.998216	81
20	906326	9958844	8.957284	9.998209	80
21	908064	9958685	8.958116	9.998202	79
22	909802	9958527	8.958947	9.998195	78
23	911540	9958368	8.959776	9.998188	77
24	913278	9958209	8.960603	9.998181	76
25	915016	9958049	8.961429	9.998174	75
26	916754	9957889	8.962253	9.998167	74
27	918492	9957729	8.963075	9.998160	73
28	920230	9957569	8.963896	9.998153	72
29	921967	9957408	8.964716	9.998145	71
30	923706	9957247	8.965534	9.998139	70
31	925444	9957085	8.966350	9.998132	69
32	927181	9956924	8.967165	9.998125	68
33	928919	9956762	8.967978	9.998118	67
		Sinus		Log.Sin	M

GRAD. 84

M	Tangen		*Log.Tan*		
0	874886	114300523	8.941951	11.058048	
1	876645	114071214	8.942824	11.057176	99
2	878404	113842817	8.943694	11.056305	98
3	880162	113615326	8.944563	11.055437	97
4	881922	113388735	8.945430	11.054570	96
5	883681	113163040	8.946295	11.053704	95
6	885440	112938234	8.947159	11.052841	94
7	887199	112714312	8.948021	11.051979	93
8	888958	112491270	8.948881	11.051119	92
9	890717	112269102	8.949740	11.050260	91
10	892476	112047803	8.950596	11.049403	90
11	894235	111827367	8.951452	11.048548	89
12	895995	111607791	8.952305	11.047694	88
13	897754	111389068	8.953157	11.046842	87
14	899513	111171194	8.954008	11.045992	86
15	901273	110954164	8.954856	11.045143	85
16	903032	110737973	8.955703	11.044296	84
17	904792	110522616	8.956549	11.043451	83
18	906552	110308088	8.957392	11.042607	82
19	908311	110094385	8.958235	11.041765	81
20	910071	109881501	8.959075	11.040924	80
21	911831	109669432	8.959914	11.040085	79
22	913591	109458174	8.960752	11.039248	78
23	915351	109247721	8.961587	11.038412	77
24	917111	109038070	8.962422	11.037578	76
25	918871	108829214	8.963254	11.036745	75
26	920631	108621151	8.964085	11.035914	74
27	922391	108413875	8.964915	11.035085	73
28	924151	108207382	8.965743	11.034257	72
29	925911	108001667	8.966569	11.033430	71
30	927672	107796727	8.967394	11.032605	70
31	929432	107592556	8.968218	11.031782	69
32	931193	107389150	8.969039	11.030960	68
33	932953	107186506	8.969860	11.030140	67
		Tangens		*Log. Tan.*	M

5 GRAD.

M	Sinus		Log.Sin.		
33	928919	9956761	8.967978	9.998118	67
34	930657	9956599	8.968789	9.998111	66
35	932394	9956437	8.969599	9.998104	65
36	934132	9956274	8.970408	9.998097	64
37	935870	9966111	8.971215	9.998090	63
38	937607	9955947	8.972021	9.998082	62
39	939345	9955783	8.972825	9.998075	61
40	941083	9955619	8.973628	9.998068	60
41	942820	9955455	8.974429	9.998061	59
42	944558	9955290	8.975228	9.998054	58
43	946295	9955125	8.976027	9.998047	57
44	948033	9954960	8.976823	9.998039	56
45	949770	9954794	8.977619	9.998032	55
46	951508	9954628	8.978412	9.998025	54
47	953245	9954462	8.979205	9.998018	53
48	954982	9954295	8.979995	9.998010	52
49	956720	9954129	8.980785	9.998003	51
50	958457	9953961	8.981573	9.997996	50
51	960194	9953794	8.982359	9.997988	49
52	961932	9953626	8.983144	9.997981	48
53	963669	9953458	8.983928	9.997974	47
54	965406	9953290	8.984710	9.997966	46
55	967143	9953121	8.985490	9.997959	45
56	968880	9952952	8.986270	9.997952	44
57	970617	9952783	8.987048	9.997944	43
58	972354	9952614	8.987825	9.997937	42
59	974091	9952444	8.988600	9.997930	41
60	975828	9952273	8.989374	9.997922	40
61	977565	9952103	8.990146	9.997915	39
62	979302	9951932	8.990917	9.997907	38
63	981039	9951761	8.991686	9.997900	37
64	982776	9951590	8.992455	9.997892	36
65	984513	9951418	8 993222	9.997885	35
66	986250	9951246	8.993987	9.997877	34
		Sinus		Log.Sin.	M

GRAD. 84

M	Tangen		Log. Tan		
33	932953	107186506	8.969860	11.030140	67
34	934714	106984618	8.970678	11.029321	66
35	936474	106783483	8.971496	11.028504	65
36	938235	106583097	8.972311	11.027688	64
37	939996	106383454	8.973126	11.026874	63
38	941756	106184551	8.973938	11.026061	62
39	943517	105986385	8.974750	11.025250	61
40	945278	105788950	8.975559	11.024440	60
41	947039	105592243	8.976368	11.023632	59
42	948800	105396259	8.977175	11.022825	58
43	950561	105200995	8.977980	11.022020	57
44	952322	105006447	8.978784	11.021216	56
45	954083	104812611	8.979586	11.020413	55
46	955845	104619483	8.980387	11.019612	54
47	957606	104427058	8.981187	11.018813	53
48	959367	104235334	8.981985	11.018015	52
49	961130	104044306	8.982781	11.017218	51
50	962890	103853971	8.983577	11.016423	50
51	964652	103664324	8.984370	11.015629	49
52	966413	103475362	8.985163	11.014837	48
53	968175	103287082	8.985954	11.014046	47
54	969937	103099479	8.986743	11.013256	46
55	971699	102912550	8.987531	11.012468	45
56	973460	102726292	8.988318	11.011681	44
57	975222	102540700	8.989104	11.010896	43
58	976984	102355772	8.989887	11.010112	42
59	978746	102171502	8.990670	11.009330	41
60	980508	101987889	8.991451	11.008548	40
61	982271	101804929	8.992231	11.007769	39
62	984033	101622617	8.993009	11.006990	38
63	985795	101440951	8.993786	11.006213	37
64	987557	101259927	8.994562	11.005437	36
65	989320	101079542	8.995337	11.004663	35
66	991082	100899792	8.996110	11.003890	34
		Tangens		Log. Tan.	M

GRAD. 84

5 GRAD.

M	Sinus		Log.Sin.		
67	987987	9951074	8.994751	9.997870	33
68	989724	9950902	8.995514	9.997862	32
69	991461	9950729	8.996275	9.997855	31
70	993197	9950555	8.997035	9.997847	30
71	994934	9950382	8.997794	9.997840	29
72	996671	9950208	8.998552	9.997832	28
73	998407	9950034	8.999308	9.997824	27
74	1000144	9949860	9.000062	9.997817	26
75	1001880	9949685	9.000816	9.997809	25
76	1003617	9949510	9.001568	9.997802	24
77	1005353	9949335	9.002319	9.997794	23
78	1007090	9949159	9.003068	9.997786	22
79	1008826	9948983	9.003816	9.997779	21
80	1010563	9948807	9.004563	9.997771	20
81	1012299	9948630	9.005309	9.997763	19
82	1014035	9948454	9.006053	9.997755	18
83	1015772	9948276	9.006796	9.997748	17
84	1017508	9948099	9.007538	9.997740	16
85	1019244	9947921	9.008278	9.997732	15
86	1020981	9947743	9.009017	9.997724	14
87	1022717	9947565	9.009754	9.997717	13
88	1024453	9947386	9.010492	9.997709	12
89	1026189	9947207	9.011227	9.997701	11
90	1027925	9947028	9.011961	9.997693	10
91	1029661	9946848	9.012694	9.997685	9
92	1031397	9946669	9.013426	9.997677	8
93	1033133	9946488	9.014156	9.997670	7
94	1034869	9946308	9.014885	9.997662	6
95	1036605	9946127	9.015613	9.997654	5
96	1038341	9945946	9.016340	9.997646	4
97	1040077	9945764	9.017066	9.997638	3
98	1041813	9945583	9.017790	9.997630	2
99	1043549	9945401	9.018513	9.997622	1
	1045284	9945219	9.019234	9.997614	0
		Sinus		Log.Sin.	M

GRAD. 84

5 GRAD.

M	Tangen		Log.Tan		
67	992845	100720674	8.996881	11.003118	33
68	994607	100542185	8.997651	11.002348	32
69	996370	100364321	8.998420	11.001579	31
70	998132	100187080	8 999188	11.000812	30
71	999895	100010457	8.999954	11 000045	29
72	1001658	99834449	9.000729	10.999280	28
73	1003421	99659054	9.001483	10.998517	27
74	1005184	99484268	9.002245	10.997754	26
75	1006947	99310087	9.003006	10.996993	25
76	1008710	99136510	9.003766	10.996233	24
77	1010473	98963532	9.004525	10.995475	23
78	1012236	98791151	9.005282	10.994718	22
79	1013999	98619363	9.006038	10.993962	21
80	1015763	98448165	9.006792	10.993207	20
81	1017526	98277555	9.007545	10.992454	19
82	1019290	98107529	9.008297	10.991702	18
83	1021053	97938085	9.009048	10.990951	17
84	1022816	97769218	9.009798	10.990202	16
85	1024580	97600927	9.010546	10.989454	15
86	1026344	97433209	9.011293	10.988707	14
87	1028108	97266059	9.012038	10.987961	13
88	1029871	97099476	9.012783	10.987217	12
89	1031635	96933458	9.013526	10.986474	11
90	1033399	96768000	9.014268	10.985732	10
91	1035163	96603099	9.015009	10.984991	9
92	1036927	96438754	9.015748	10.984251	8
93	1038691	96274961	9.016486	10.983513	7
94	1040456	96111718	9.017223	10.982776	6
95	1042220	95949021	9.017959	10.982040	5
96	1043984	95786869	9.018694	10.981306	4
97	1045749	95625258	9.019427	10.980572	3
98	1047513	95464185	9 020159	10.979840	2
99	1049278	95303648	9.020890	10.979109	1
	1051042	95143644	9.021620	10.978380	0
		Tangens		Log.Tang	M

GRAD. 84.

6 GRAD.

M	Sinus		Log.Sin.		
0	1045284	9945219	9.019234	9.997614	
1	1047020	9945036	9.019955	9.997606	99
2	1048756	9944853	9.020674	9.997598	98
3	1050492	9944670	9.021392	9.997590	97
4	1052227	9944487	9.022109	9.997582	96
5	1053963	9944303	9.022825	9.997574	95
6	1055698	9944119	9.023540	9.997566	94
7	1057434	9943934	9.024253	9.997558	93
8	1059170	9943750	9.024965	9.997550	92
9	1060905	9943565	9.025676	9.997542	91
10	1062641	9943379	9.026386	9.997534	90
11	1064376	9943194	9.027095	9.997526	89
12	1066111	9943008	9.027802	9.997518	88
13	1067847	9942821	9.028509	9.997509	87
14	1069582	9942635	9.029214	9.997501	86
15	1071317	9942448	9.029918	9.997493	85
16	1073053	9942261	9.030621	9.997485	84
17	1074788	9942074	9.031323	9.997477	83
18	1076523	9941886	9.032023	9.997469	82
19	1078258	9941698	9.032723	9.997460	81
20	1079993	9941509	9.033421	9.997452	80
21	1081728	9941321	9.034118	9.997444	79
22	1083464	9941132	9.034814	9.997436	78
23	1085199	9940943	9.035509	9.997427	77
24	1086934	9940753	9.036203	9.997419	76
25	1088669	9940563	9.036896	9.997411	75
26	1090403	9940373	9.037587	9.997402	74
27	1092138	9940183	9.038278	9.997393	73
28	1093873	9939992	9.038967	9.997386	72
29	1095608	9939801	9.039655	9.997377	71
30	1097343	9939609	9.040342	9.997369	70
31	1099078	9939418	9.041028	9.997361	69
32	1100812	9939226	9.041713	9.997352	68
33	1102547	9939033	9.042397	9.997344	67
		Sinus		Log.Sin.	M

GRAD. 83

M	Tangen		Log.Tan		
0	1051042	95143644	9.021620	10.978380	
1	1052807	94984171	9.022349	10.977651	99
2	1054572	94825226	9.023076	10.976924	98
3	1056336	94666806	9.023802	10.976198	97
4	1058101	94508908	9.024527	10.975473	96
5	1059866	94351531	9.025251	10.974749	95
6	1061631	94194671	9.025973	10.974026	94
7	1063396	94038326	9.026695	10.973305	93
8	1065161	93882493	9.027415	10.972584	92
9	1066926	93727171	9.028134	10.971865	91
10	1068692	93572359	9.028852	10.971157	90
11	1070457	93418045	9.029569	10.970430	89
12	1072222	93264236	9.030285	10.969715	88
13	1073988	93110928	9.030999	10.969000	87
14	1075753	92958117	9.031712	10.968287	86
15	1077519	92805801	9.032425	10.967575	85
16	1079284	92653978	9.033136	10.966864	84
17	1081050	92502645	9.033846	10.966154	83
18	1082816	92351800	9.034554	10.965445	82
19	1084582	92201441	9.035262	10.964738	81
20	1086347	92051564	9.035969	10.964031	80
21	1088113	91902169	9.036674	10.963326	79
22	1089879	91753251	9.037378	10.962621	78
23	1091646	91604810	9.038082	10.961918	77
24	1093402	91456843	9.038784	10.961216	76
25	1095178	91309348	9.039485	10.960515	75
26	1096944	91162322	9.040184	10.959815	74
27	1098711	91015763	9.040883	10.959116	73
28	1100477	90869669	9.041581	10.958419	72
29	1102244	90724038	9.042277	10.957722	71
30	1104010	90578867	9.042973	10.957027	70
31	1105777	90434154	9.043667	10.956332	69
32	1107543	90289897	9.044361	10.955639	68
33	1109310	90146095	9.045053	10.954947	67
		Tangens		Log. Tan.	M

GRAD. 83

M	Sinus		Log. Sin.		
33	1102547	9939033	9.042397	9.997344	67
34	1104282	9938841	9.043080	9.997336	66
35	1106016	9938648	9.043761	9.997327	65
36	1107751	9938455	9.044442	9.997319	64
37	1109486	9938261	9.045121	9.997310	63
38	1111220	9938067	9.045800	9.997302	62
39	1112955	9937873	9.046477	9.997293	61
40	1114689	9937679	9.047154	9.997285	60
41	1116424	9937484	9.047829	9.997276	59
42	1118158	9937289	9.048503	9.997268	58
43	1119892	9937094	9.049176	9.997259	57
44	1121627	9936898	9.049848	9.997251	56
45	1123361	9936702	9.050519	9.997242	55
46	1125095	9936506	9.051189	9.997234	54
47	1126829	9936310	9 051858	9.997225	53
48	1128564	9936113	9.052526	9.997216	52
49	1130298	9935915	9.053193	9.997208	51
50	1132032	9935718	9.053859	9.997199	50
51	1133766	9935521	9.054523	9.997190	49
52	1135500	9935323	9.055187	9.997182	48
53	1137234	9935124	9.055850	9.997173	47
54	1138968	9934926	9.056511	9.997164	46
55	1140702	9934727	9.057172	9.997156	45
56	1142436	9934527	9.057832	9.997147	44
57	1144170	9934328	9.058490	9.997138	43
58	1145904	9934128	9.059148	9.997130	42
59	1147638	9933928	9.059805	9.997121	41
60	1149371	9933727	9.060460	9.997112	40
61	1151105	9933527	9.061115	9.997103	39
62	1152838	9933326	9 061768	9.997094	38
63	1154572	9933124	9.062421	9.997086	37
64	1156306	9932923	9.063073	9.997077	36
65	1158040	9932721	9.063723	9.997068	35
66	1159773	9932518	9.064373	9.997059	34
		Sinus		Log. Sin.	M

6 GRAD.

M	Tangen		*Log.Tan*		
33	1109310	90146095	9.045053	10.954947	67
34	1111077	90002744	9.045744	10.954256	66
35	1112844	89859843	9.046434	10.953565	65
36	1114611	89717389	9.047123	10.952876	64
37	1116378	89575381	9.047811	10.952188	63
38	1118145	89433816	9.048498	10.951502	62
39	1119912	89292693	9.049184	10.950816	61
40	1121680	89152008	9.049869	10.950131	60
41	1123447	89011761	9.050552	10.949447	59
42	1125214	88871949	9.051235	10.948765	58
43	1126982	88732570	9.051917	10.948083	57
44	1128749	88593622	9.052597	10.947402	56
45	1130517	88455103	9.053277	10.946723	55
46	1132285	88317010	9.053955	10.946044	54
47	1134052	88179344	9.054633	10.945367	53
48	1135820	88042100	9.055309	10.944690	52
49	1137588	87905277	9.055985	10.944015	51
50	1139356	87768873	9.056659	10.943340	50
51	1141124	87632887	9.057333	10.942667	49
52	1142892	87497316	9.058005	10.941995	48
53	1144660	87362159	9.058676	70.941323	47
54	1146428	87227413	9.059347	10.940653	46
55	1148197	87093076	9.060016	10.939983	45
56	1149965	86959148	9.060685	10.939315	44
57	1151734	86825625	9.061352	10.938648	43
58	1153502	86692507	9.062018	10.937981	42
59	1155271	86559790	9.062684	10.937316	41
60	1157039	86427474	9.063348	10.936652	40
61	1158808	86295557	9.064011	10.935988	39
62	1160577	86164036	9.064674	10.935326	38
63	1162346	86032911	9.065335	10.934664	37
64	1164115	85902178	9.065996	10.934004	36
65	1165884	85771838	9.066655	10.933345	35
66	1167653	85641886	9.067314	10.932686	34
		Tangens		*Log. Tan.*	M

GRAD. 83

M	Sinus		Log.Sin.		
67	1161507	9932316	9.065022	9.997050	33
68	1163240	9932113	9.065669	9.997041	32
69	1164974	9931910	9.066316	9.997032	31
70	1166707	9931706	9.066962	9.997024	30
71	1168441	9931503	9.067606	9.997015	29
72	1170174	9931298	9.068250	9.997006	28
73	1171907	9931094	9.068893	9.996997	27
74	1173641	9930889	9.069535	9.996988	26
75	1175374	9930684	9.070176	9.996979	25
76	1177107	9930479	9.070816	9.996970	24
77	1178840	9930273	9.071455	9.996961	23
78	1180573	9930068	9.072093	9.996952	22
79	1182306	9929861	9.072730	9.996943	21
80	1184039	9929655	9.073366	9.996934	20
81	1185773	9929448	9.074001	9.996925	19
82	1187506	9929241	9.074636	9.996916	18
83	1189238	9929034	9.075269	9.996907	17
84	1190971	9928826	9.075901	9.996898	16
85	1192704	9928618	9.076533	9.996889	15
86	1194437	9928410	9.077163	9.996879	14
87	1196170	9928201	9.077793	9.996870	13
88	1197903	9927992	9.078421	9.996861	12
89	1199635	9927783	9.079049	9.996852	11
90	1201368	9927573	9.079676	9.996843	10
91	1203101	9927363	9.080302	9.996833	9
92	1204833	9927153	9.080927	9.996825	8
93	1206566	9926943	9.081551	9.996815	7
94	1208299	9926732	9.082174	9.996806	6
95	1210031	9926521	9.082796	9.996797	5
96	1211764	9926310	9.083418	9.996788	4
97	1213496	9926098	9.084038	9.996778	3
98	1215229	9925886	9.084658	9.996769	2
99	1216961	9925674	9.085276	9.996760	1
	1218693	9925461	9.085894	9.996751	0
		Sinus.		Log.Sin.	M

6 GRAD.

M	Tangen		*Log.Tan*		
67	1169422	85512323	9.067971	10.932029	33
68	1171191	85383146	9.068628	10.931372	32
69	1172960	85254352	9.069283	10.930716	31
70	1174730	85125943	9.069938	10.930062	30
71	1176499	84997914	9.070592	10.929408	29
72	1178269	84870264	9.071244	10.928755	28
73	1180038	84742991	9.071896	10.928104	27
74	1181808	84616095	9.072547	10.927453	26
75	1183578	84489573	9.073197	10.926803	25
76	1185348	84363424	9.073846	10.926154	24
77	1187118	84237645	9.074494	10.925506	23
78	1188887	84112236	9.075141	10.924859	22
79	1190657	83987195	9.075787	10.924213	21
80	1192428	83862519	9.076432	10.923568	20
81	1194198	83738208	9.077076	10.922923	19
82	1199968	83614260	9.077719	10.922280	18
83	1197738	83490673	9.078362	10.921638	17
84	1199509	83367445	9.079003	10.920996	16
85	1201279	83244576	9.079644	10.920356	15
86	1203050	83122064	9.080283	10.919716	14
87	1204820	82999906	9.080922	10.919077	13
88	1206591	82878102	9.081560	10.918440	12
89	1208362	82756649	9.082197	10.917803	11
90	1210133	82635547	9.082833	10.917167	10
91	1211904	82514794	9.083468	10.916532	9
92	1213675	82394388	9.084102	10.915897	8
93	1215446	82274328	9.084735	10.915264	7
94	1217217	82154612	9.085368	10.914632	6
95	1217988	82035239	9.085999	10.914000	5
96	1220759	81916207	9.086630	10.913370	4
97	1222531	81797515	9.087260	10.912740	3
98	1224302	81679162	9.087889	10.912111	2
99	1226074	81561145	9.088516	10.911483	1
	1227845	81443464	9.089144	10.910856	0
		Tangens		*Log.Tang*	M

GRAD. 83

M	Sinus		Log. Sin.		
0	1218693	9925461	9.085894	9.996751	
1	1220426	9925248	9.086511	9.996742	99
2	1222158	9925035	9.087127	9.996732	98
3	1223890	9924822	9.087742	9.996723	97
4	1225622	9924608	9.088356	9.996713	96
5	1227354	9924394	9.088970	9.996704	95
6	1229086	9924180	9.089582	9.996694	94
7	1230819	9923965	9.090194	9.996685	93
8	1232551	9923750	9.090805	9.996676	92
9	1234283	992353	9.091414	9.996666	91
10	1236015	9923319	9.092023	9.996657	90
11	1237746	9923103	9.092632	9.996647	89
12	1239478	9922887	9.093239	9.996638	88
13	1241210	9922671	9.093845	9.996628	87
14	1242942	9922454	9.094451	9.996619	86
15	1244674	9922237	9.095055	9.996609	85
16	1246406	9922019	9.095659	9.996600	84
17	1248137	9921802	9.096262	9.996590	83
18	1249869	9921584	9.096864	9.996581	82
19	1251601	9921365	9.097466	9.996571	81
20	1253332	9921147	9.098066	9.996562	80
21	1255064	9920928	9.098666	9.996552	79
22	1256795	9920709	9.099264	9.996543	78
23	1258527	9920489	9.099862	9.996533	77
24	1260258	9920269	9.100459	9.996523	76
25	1261989	9920049	9.101056	9.996514	75
26	1263721	9919829	9.101651	9.996504	74
27	1265452	9919608	9.102246	9.996494	73
28	1267183	9919387	9.102839	9.996485	72
29	1268915	9919166	9.103432	9.996475	71
30	1270646	9918944	9.104024	9.996465	70
31	1272377	9918722	9.104616	9.996456	69
32	1274108	9918500	9.105206	9.996446	68
33	1275839	9918278	9.105796	9.996436	67
		Sinus.		Log. Sin.	M

M	Tangen		*Log.Tan*		
0	1227845	81443464	9.089144	10.910856	
1	1229617	81326117	9.089770	10.910230	99
2	1231389	81209103	9.090395	10.909605	98
3	1233161	81092420	9.091020	10.908980	97
4	1234933	80976067	9.091643	10.908356	96
5	1236705	80860042	9.092266	10.907734	95
6	1238477	80744344	9.092888	10.907112	94
7	1240249	80628972	9.093509	10.906491	93
8	1242021	80513924	9.094129	10.905871	92
9	1243793	80399199	9.094748	10.905252	91
10	1245566	80284796	9.095366	10.904633	90
11	1247338	80170713	9.095984	10.904016	89
12	1249111	80056948	9.096601	10.903399	88
13	1250883	79943501	9.097217	10.902783	87
14	1252656	79830370	9.097832	10.902168	86
15	1254429	79717554	9.098446	10.901554	85
16	1256201	79605052	9.099059	10.900940	84
17	1257974	79492862	9.099672	10.900328	83
18	1259747	79380982	9.100283	10.899716	82
19	1261520	79269412	9.100894	10.899105	81
20	1263294	79158151	9.101504	10.898495	80
21	1265067	79047196	9.102113	10.897886	79
22	1266840	78936547	9.102722	10.897278	78
23	1268613	78826203	9.103329	10.896670	77
24	1270387	78716162	9.103936	10.896064	76
25	1272160	78606422	9.104542	10.895458	75
26	1273934	78496984	9.105147	10.894853	74
27	1275708	78387845	9.105751	10.894249	73
28	1277482	78279004	9.106355	10.893645	72
29	1279255	78170460	9.106957	10.893042	71
30	1281029	78062212	9.107559	10.892441	70
31	1282803	77954258	9.108160	10.891840	69
32	1284577	77846598	9.108760	10.891239	68
33	1286352	77739230	9.109360	10.890640	67
		Tangens		*Log.Tang*	M

M	Sinus		og.Sin.		
33	1275839	9918278	9.105796	9.996436	67
34	1277570	9918055	9.106385	9.996426	66
35	1279301	9917832	9.106973	9.996417	65
36	1281032	9917608	9.107560	9.996407	64
37	1282763	9917384	9.108146	9.996397	63
38	1284494	9917160	9.108732	9.996387	62
39	1286225	9916936	9.109317	9.996377	61
40	1287956	9916711	9.109901	9.996367	60
41	1289687	9916486	9.110484	9.996358	59
42	1291417	9916261	9.111066	9.996348	58
43	1293148	9916036	9.111648	9.996338	57
44	1294879	9915810	9.112229	9.996328	56
45	1296609	9915584	9.112809	9.996318	55
46	1298341	9915357	9.113388	9.996308	54
47	1300072	9915130	9.113967	9.996398	53
48	1301801	9914903	9.114544	9.996388	52
49	1303531	9914676	9.115121	9.996278	51
50	1305262	9914448	9.115697	9.996268	50
51	1306992	9914220	9.116273	9.996258	49
52	1308722	9913992	9.116847	9.996248	48
53	1310453	9913764	9.117421	9.996238	47
54	1312183	9913535	9.117994	9.996228	46
55	1313913	9913306	9.118567	9.996218	45
56	1315643	9913076	9.119138	9.996208	44
57	1317374	9912846	9.119709	9.996198	43
58	1319104	9912616	9.120279	9.996188	42
59	1320834	9912386	9.120848	9.996178	41
60	1322564	9912155	9.121416	9.996168	40
61	1324294	9911924	9.121984	9.996158	39
62	1326024	9911693	9.122551	9.996148	38
63	1327754	9911461	9.123117	9.996138	37
64	1329483	9911229	9.123683	9.996127	36
65	1331213	9910997	9.124247	9.996117	35
66	1332943	9910765	9.124811	9.996107	34
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
33	1286352	77739230	9.109360	10.890640	67
34	1288126	77632153	9.109958	10.890041	66
35	1289900	77525366	9.110556	10.889444	65
36	1291675	77418867	9.111153	10.888847	64
37	1293449	77312656	9.111749	10.888250	63
38	1295224	77206731	9.112345	10.887655	62
39	1296998	77101091	9.112939	10.887060	61
40	1298773	76995735	9.113533	10.886466	60
41	1300548	76890662	9.114126	10.885873	59
42	1302323	76785870	9.114718	10.885281	58
43	1304098	76681359	9.115310	10.884690	57
44	1305873	76577127	9.115901	10.884099	56
45	1307648	76473174	9.116491	10.883509	55
46	1309423	76369497	9.117080	10.882920	54
47	1311198	76266097	9.117668	10.882331	53
48	1312974	76162971	9.118256	10.881744	52
49	1314749	76060120	9.118843	10.881157	51
50	1316525	75957541	9.119429	10.880571	50
51	1318300	75855234	9.120014	10.879985	49
52	1320076	75753197	9.120599	10.879401	48
53	1321852	75651430	9.121183	10.878817	47
54	1323628	75549931	9.121766	10.878234	46
55	1325404	75448699	9.122348	10.877652	45
56	1327180	75347734	9.122930	10.877070	44
57	1328956	75247033	9.123510	10.876489	43
58	1330732	75146597	9.124090	10.875909	42
59	1332508	75046425	9.124670	10.875330	41
60	1334285	74946514	9.125248	10.874751	40
61	1336061	74846864	9.125826	10.874173	39
62	1337838	74747474	9.126403	10.873596	38
63	1339614	74648343	9.126980	10.873020	37
64	1341391	74549471	9.127555	10.872444	36
65	1343168	74450855	9.128130	10.871869	35
66	1344945	74352495	9.128704	10.871295	34
		Tangens		Log.Tan.	M

M	Sinus		Log. Sin		
67	1334673	9910532	9.125375	9.996097	33
68	1336402	9910299	9.125937	9.996087	32
69	1338132	9910065	9.126499	9.996076	31
70	1339862	9909832	9.127060	9.996066	30
71	1341591	9909598	9.127620	9 996056	29
72	1343320	9909363	9.128180	9.996046	28
73	1345050	9909129	9.128738	9.996035	27
74	1346780	9908894	9.129296	9.996025	26
75	1348509	9908659	9.129854	9.996015	25
76	1350238	9908423	9.130410	9.996004	24
77	1351968	9908187	9.130966	9.995994	23
78	1353697	9907951	9.131521	9.995984	22
79	1355426	9907715	9.132076	9.995973	21
80	1357156	9907478	9.132629	9.995963	20
81	1358885	9907241	9.133182	9.995953	19
82	1360614	9907004	9.133735	9.995942	18
83	1362343	9906766	9.134286	9.995932	17
84	1364072	9906528	9.134837	9.995921	16
85	1365801	9906290	9.135387	9.995911	15
86	1367530	9906052	9.135937	9.995900	14
87	1369259	9905813	9.136485	9.995890	13
88	1370988	9905574	9.137033	9.995879	12
89	1372716	9905334	9.137581	9.995869	11
90	1374445	9905094	9.138127	9.995858	10
91	1376174	9904854	9.138673	9.995848	9
92	1377903	9904614	9.139218	9.995837	8
93	1379631	9904373	9.139763	9.995827	7
94	1381360	9904132	9.140307	9.995816	6
95	1383089	9903891	9.140850	9.995806	5
96	1384817	9903650	9.141392	9.995795	4
97	1386546	9903408	9.141934	9.995784	3
98	1388274	9903166	9.142475	9.995774	2
99	1390002	9902923	9.143015	9 995763	1
	1391731	9902680	9.143555	9.995753	0
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
67	1346722	74254390	9.129278	10.870722	33
68	1348499	74156539	9.129850	10.870149	32
69	1350276	74058941	9.130422	10.869577	31
70	1352053	73961595	9.130994	10.869006	30
71	1353830	73864500	9.131564	10.868436	29
72	1355607	73767655	9.132134	10.867866	28
73	1357385	73671059	9.132703	10.867297	27
74	1359162	73574711	9.133271	10.866728	26
75	1360940	73478610	9.133839	10.866161	25
76	1362718	73382756	9.134406	10.865594	24
77	1364496	73287146	9.134972	10.865028	23
78	1366273	73191781	9.135537	10.864462	22
79	1368051	73096659	9.136102	10.863897	21
80	1369829	73001780	9.136666	10.863333	20
81	1371608	72907142	9.137230	10.862770	19
82	1373386	72812745	9.137792	10.862207	18
83	1375164	72718587	9.138354	10.861645	17
84	1376942	72624668	9.138916	10.861084	16
85	1378721	72530987	9.139476	10.860523	15
86	1380499	72437543	9.140036	10.859964	14
87	1382278	72344334	9.140595	10.859404	13
88	1384057	72251361	9.141154	10.858846	12
89	1385836	72158622	9.141712	10.858288	11
90	1387614	72066116	9.142269	10.857731	10
91	1389393	71973843	9.142825	10.857174	9
92	1391173	71881801	9.143381	10.856619	8
93	1392952	71789990	9.143936	10.856064	7
94	1394731	71698408	9.144490	10.855509	6
95	1396510	71607056	9.145044	10.854956	5
96	1398289	71515931	9.145597	10.854403	4
97	1400069	71425034	9.146149	10.853850	3
98	1401849	71334363	9.146701	10.853299	2
99	1403628	71243918	9.147252	10.852748	1
	1405408	71153697	9.147802	10.852197	0
		Tangens		Log.Tang	M

8 GRAD.

M	Sinus		Log.Sin.		
0	1391731	9902680	9.143555	9.995753	
1	1393459	9902437	9.144094	9.995742	99
2	1395187	9902194	9.144632	9.995731	98
3	1396916	9901950	9.14517	9.995721	97
4	1398644	9901706	9.145707	9.995710	96
5	1400372	9901462	9.146243	9.995699	95
6	1402100	9901218	9.146779	9.995688	94
7	1403829	9900973	9.147314	9.995678	93
8	1405556	9900728	9.147848	9.995667	92
9	1407284	9900482	9.148382	9.99[illegible]6	91
10	1409012	9900236	9.148915	9.995645	90
11	1410740	9899990	9.149447	9.995635	89
12	1412468	9899744	9.149978	9.995624	88
13	1414196	9899497	9.150509	9.995613	87
14	1415923	9899250	9.151040	9.995602	86
15	1417651	9899003	9.151569	9.995591	85
16	1429379	9898755	9.152098	9.995580	84
17	1421106	9898508	9.152626	9.995570	83
18	1422834	9898259	9.153154	9.995559	82
19	1424562	9898011	9.153681	9.995548	81
20	1426289	9897762	9.154207	9.995537	80
21	1428017	9897513	9.154733	9.995526	79
22	1429744	9897264	9.155258	9.995515	78
23	1431471	9897014	9.155783	9.995504	77
24	1433199	9896764	9.156306	9.995493	76
25	1434926	9896514	9.156829	9.995482	75
26	1436653	9896263	9.157352	9.995471	74
27	1438380	9896012	9.157874	9.995460	73
28	1440108	9895761	9.158395	9.995449	72
29	1441835	9895509	9.158915	9.995438	71
30	1443562	9895258	9.159435	9.995427	70
31	1445289	9895006	9.159955	9.995416	69
32	1447016	9894753	9.160473	9.995405	68
33	1448743	9894500	9.160991	9.995394	67
		Sinus		Log.Sin.	M

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M	Tangen		Log. Tan		
0	1405408	71153697	9.147802	10.852197	
1	1407188	71063700	9.148352	10.851648	99
2	1408968	70973926	9.148901	10.851099	98
3	1410748	70884374	9.149449	10.850550	97
4	1412528	7079504	9.149997	10.850003	96
5	1414308	70705934	9.150544	10.849456	95
6	1416089	70617043	9.151090	10.848909	94
7	1417869	70528372	9.151636	10.848364	93
8	1419649	70439918	9.152181	10.847819	92
9	1421430	70351682	9.152825	10 847274	91
10	1423211	70263662	9.153269	10.846731	90
11	1424991	70175858	9.153812	10.846188	89
12	1426772	70088268	9.154354	10.845645	88
13	1428553	70000893	9.154896	10.845103	87
14	1430334	69913731	9.155437	10.844562	86
15	1432115	69826781	9.155978	10.844022	85
16	1433895	69740043	9.156518	10.843482	84
17	1435678	69653516	9.157057	10.842943	83
18	1437459	69567199	9.157595	10 842404	82
19	1439240	69481091	9.158133	10.841866	81
20	1441022	69395192	9.158670	10.841329	80
21	1442803	69309502	9.159207	10.840793	79
22	1444585	69224017	9.159743	10.840257	78
23	1446367	69138739	9.160278	10.839721	77
24	1448149	69053667	9.160813	10.839187	76
25	1449931	68968799	9.161347	10.838652	75
26	1451713	68884136	9.161881	10.838119	74
27	1453495	68799676	9 162413	10.837586	73
28	1455277	68715418	9.162946	10.837054	72
29	1457060	68631363	9.163477	10 836522	71
30	1458842	68547508	9.164008	10.835991	70
31	1460625	68463854	9.164538	10.835461	69
32	1462407	68380400	9 165068	10.834931	68
33	1464190	68297144	9.165597	10.834402	67
		Tangens		Log. Tang	M

8 GRAD.

M	Sinus		Log. Sin.		
33	1448743	9894500	9.160991	9.995394	67
34	1450470	9894247	9.161509	9.995383	66
35	1452197	9893994	9.162025	9.995371	65
36	1453923	9893741	9.162541	9.995360	64
37	1455650	9893487	9.163057	9.995349	63
38	1457377	9893232	9.163572	9.995338	62
39	1459103	9892978	9.164086	9.995327	61
40	1460830	9892723	9.164599	9.995316	60
41	1462557	9892468	9.165113	9.995304	59
42	1464283	9892213	9.165625	9.995293	58
43	1466009	9891957	9.166137	9.995282	57
44	1467736	9891701	9.166648	9.995271	56
45	1469463	9891445	9.167158	9.995260	55
46	1471189	9891188	9.167668	9.995248	54
47	1472915	9890931	9.168178	9.995237	53
48	1474642	9890674	9.168686	9.995226	52
49	1476368	9890416	9.169194	9.995214	51
50	1478094	9890158	9.169702	9.995203	50
51	1479820	9889900	9.170209	9.995192	49
52	1481546	9889642	9.170715	9.995180	48
53	1483272	9889383	9.171221	9.995169	47
54	1484998	9889124	9.171726	9.995158	46
55	1486724	9888865	9.172230	9.995146	45
56	1488450	9888605	9.172734	9.995135	44
57	1490176	9888345	9.173237	9.995123	43
58	1491902	9888085	9.173740	9.995112	42
59	1493628	9887824	9.174242	9.995101	41
60	1495353	9887563	9.174744	9.995089	40
61	1497079	9887302	9.175245	9.995078	39
62	1498805	9887041	9.175745	9.995066	38
63	1500530	9886779	9.176244	9.995055	37
64	1502256	9886517	9.176744	9.995043	36
65	1503981	9886255	9.177242	9.995032	35
66	1505707	9885992	9.177740	9.995020	34
		Sinus		Log. Sin.	M

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8 GRAD.

M	Tangen		Log. Tan		
33	1464190	68297144	9.165597	10.834402	67
34	1465973	68214087	9.166126	10.833874	66
35	1467756	68131227	9.166654	10.833346	65
36	1469539	68048564	9.167181	10.832819	64
37	1471322	67966097	9.167707	10.832292	63
38	1473104	67883826	9.168233	10.831766	62
39	1474888	67801750	9.168759	10.831241	61
40	1476671	67719866	9.169284	10.830716	60
41	1478455	67638178	9.169809	10.830192	59
42	1480238	67556681	9.170331	10.829668	58
43	1482022	67475377	9.170854	10.829145	57
44	1483806	67394263	9.171377	10.828623	56
45	1485589	67313341	9.171899	10.828101	55
46	1487373	67232608	9.172420	10.827580	54
47	1489157	67152064	9.172940	10.827059	53
48	1490941	67071709	9.173460	10.826539	52
49	1492726	66991542	9.173980	10.826020	51
50	1494510	66911562	9.174498	10.825501	50
51	1496294	66831769	9.175017	10.824983	49
52	1498079	66752162	9.175534	10.824465	48
53	1499863	66672739	9.176051	10.823948	47
54	1501648	66593502	9.176568	10.823432	46
55	1503433	66514449	9.177084	10.822916	45
56	1505217	66435578	9.177599	10.822401	44
57	1507002	66356891	9.178114	10.821886	43
58	1508787	66278386	9.178628	10.821372	42
59	1510572	66200062	9.179141	10.820858	41
60	1512358	66121918	9.179654	10.820345	40
61	1514143	66043955	9.180167	10.819833	39
62	1515928	65966172	9.180679	10.819321	38
63	1517714	65888567	9.181190	10.818810	37
64	1519499	65811141	9.181700	10.818299	36
65	1521285	65733892	9.182210	10.817789	35
66	1523071	65656821	9.182720	10.817780	34
		Tangens		Log. Tan.	M

GRAD. 81

8 GRAD.

M	Sinus		Log.Sin.		
67	1507432	9885729	9.178238	9.995009	33
68	1509157	9885466	9.178734	9.994997	32
69	1510883	9885203	9.179231	9.994985	31
70	1512608	9884939	9.179726	9.994974	30
71	1514333	9884675	9.180221	9.994962	29
72	1516058	9884410	9.180716	9.994951	28
73	1517784	9884145	9.181210	9.994939	27
74	1519509	9883880	9.181703	9.994927	26
75	1521234	9883615	9.182196	9.994916	25
76	1522959	9883349	9.182688	9.994904	24
77	1524684	9883083	9.183180	9.994892	23
78	1526409	9882817	9.183671	9.994881	22
79	1528133	9882550	9.184161	9.994869	21
80	1529858	9882284	9.184651	9.994857	20
81	1531583	9882016	9.185140	9.994845	19
82	1533308	9881749	9.185629	9.994834	18
83	1535032	9881481	9.186117	9.994822	17
84	1536757	9881213	9.186605	9.994810	16
85	1538481	9880945	9.187092	9.994798	15
86	1540206	9880676	9.187579	9.994786	14
87	1541931	9880407	9.188065	9.994775	13
88	1543655	9880138	9.188550	9.994763	12
89	1545379	9879868	9.189035	9.994751	11
90	1547104	9879598	9.189519	9.994739	10
91	1548828	9879328	9.190003	9.994727	9
92	1550552	9879058	9.190486	9.994715	8
93	1552276	9878787	9.190969	9.994703	7
94	1554001	9878516	9.191451	9.994692	6
95	1555725	9878245	9.191933	9.994680	5
96	1557449	9877973	9.192414	9.994668	4
97	1559173	9877701	9.192894	9.994656	3
98	1560897	9877429	9.193374	9.994644	2
99	1562621	9877156	9.193853	9.994632	1
	1564344	9876883	9.194332	9.994620	0
		Sinus		Log.Sin.	M

GRAD. 81

M	Tangen		Log.Tan		
67	1524857	65579925	9.183229	10.816770	33
68	1526643	65503206	9.18[illegible]7[illegible]7	10.816262	32
69	1528429	65426662	9.184245	10.815755	31
70	1530215	65350292	9.184752	10.815247	30
71	1532000	65274097	9.185259	10.814741	29
72	1533787	65198075	9.185765	10.814235	28
73	1535574	65122226	9.186271	10.813729	27
74	1537360	65046548	9.186776	10.813224	26
75	1539147	6497[illegible]43	9.18[illegible]0	10.812720	25
76	1540934	648957[illegible]9	9.187784	10.812216	24
77	1542721	64820545	9.188287	10.811712	23
78	1544507	64745551	9.188790	10.811210	22
79	1546294	64670726	9.189292	10.810708	21
80	1548082	64596070	9.189794	10.810206	20
81	1549869	64521582	9.190295	10.809705	19
82	1551656	64447262	9.190795	10.809204	18
83	1553443	64373109	9.191295	10.808704	17
84	1555231	64299122	9.191795	10.808205	16
85	1557019	64225301	9.192294	10.807706	15
86	1558806	64151645	9.192792	10.807208	14
87	1560594	64078154	9.193290	10.806710	13
88	1562382	64004827	9.193787	10.806213	12
89	1564170	63931664	9.194284	10.805716	11
90	1565958	63858664	9.194780	10.805220	10
91	1567746	63785827	9.195276	10.804724	9
92	1569534	63713151	9.195771	10.804229	8
93	1571323	63640637	9.196265	10.803734	7
94	1573111	63568284	9.196759	10.803240	6
95	1574900	63496092	9.197253	10.802747	5
96	1576689	63424059	9.197746	10.802254	4
97	1578477	63352185	9.198238	10.801761	3
98	1580266	63280470	9.198730	10.801270	2
99	1582055	63208914	9.199221	10.800778	1
	1583844	63137515	9.199712	10.800287	0
		Tangens		Log.Tang	M

M	Sinus		Log. Sin.		
0	1564344	9876883	9.194332	9.994619	
1	1566068	9876610	9.194811	9.994608	99
2	1567792	9876337	9.195288	9.994596	98
3	1569516	9876063	9.195766	9.994584	97
4	1571239	9875789	9.196242	9.994572	96
5	1572963	9875514	9.196718	9.994559	95
6	1574687	9875240	9.197194	9.994547	94
7	1576410	9874965	9.197669	9.994535	93
8	1578134	9874689	9.198144	9 994523	92
9	1579857	9874414	9.198618	9.994511	91
10	1581580	9874138	9.199091	9.994499	90
11	1583304	9873862	9.199564	9.994487	89
12	1585027	9873585	9.200037	9.994475	88
13	1586750	9873308	9.200508	9.994463	87
14	1588474	9873031	9.200980	9.994450	86
15	1590197	9872754	9.201451	9.994438	85
16	1591920	9872476	9.201921	9.994426	84
17	1593643	9872198	9.202391	9.994414	83
18	1595366	9871920	9.202860	9.994401	82
19	1597089	9871641	9.203329	9.994389	81
20	1598812	9871362	9.203797	9.994377	80
21	1600535	9871083	9.204265	9.994364	79
22	1602257	9870804	9.204732	9.994352	78
23	1603980	9870524	9.205199	9.994340	77
24	1605703	9870244	9.205665	9.994328	76
25	1607425	9869963	9.206131	9.994315	75
26	1609148	9869683	9.206596	9.994303	74
27	1610871	9869402	9.207061	9.994291	73
28	1612593	9869120	9.207525	9.994278	72
29	1614316	9868839	9.207988	9.994265	71
30	1616038	9868557	9.208451	9.994253	70
31	1617760	9868275	9.208914	9.994241	69
32	1619483	9867992	9.209376	9.994229	68
33	1621205	9867709	9.209838	9.994216	67
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
0	1583844	63137515	9.199712	10.800287	
1	1585633	63066273	9.200203	10.799797	99
2	1587423	62995188	9.200692	10.799307	98
3	1589212	62924259	9.201182	10.798818	97
4	1591001	62853486	9.202670	10.798329	96
5	1592791	62782868	9.202159	10.797841	95
6	1594581	62712404	9.202646	10.797353	94
7	1596370	62642095	9.203134	10.796866	93
8	1598160	62571939	9.203620	10.796379	92
9	1599950	62501936	9.204106	10.795893	91
10	1601740	62432086	9.204592	10.795408	90
11	1603530	62362388	9.205077	10.794923	89
12	1605321	62292841	9.205562	10.794438	88
13	1607111	62223445	9.206046	10.793954	87
14	1608902	62154200	9.206529	10.793470	86
15	1610692	62085105	9.207012	10.792987	85
16	1612483	62016160	9.207495	10.792505	84
17	1614273	61947364	9.207977	10.792023	83
18	1616064	61878716	9.208459	10.791541	82
19	1617855	61810216	9.208940	10.791060	81
20	1619646	61741864	9.209420	10.790580	80
21	1621438	61673660	9.209900	10.790100	79
22	1623229	61605602	9.210380	10.789620	78
23	1625020	61537690	9.210859	10.789141	77
24	1626812	61469923	9.211337	10.788662	76
25	1628603	61402302	9.211815	10.788184	75
26	1630395	61334826	9.212293	10.787707	74
27	1632187	61267494	9.212770	10.787230	73
28	1633979	61200306	9.213246	10.786753	72
29	1635771	61133262	9.213722	10.786277	71
30	1637563	61066360	9.214198	10.785802	70
31	1639355	60999601	9.214673	10.785327	69
32	1641147	60932984	9.215147	10.784852	68
33	1642939	60866508	9.215621	10.784378	67
		Tangens		Log. Tan.	M

9 GRAD.

M	Sinus		Log. Sin.		
33	1621205	9867709	9.209838	9.994216	67
34	1622927	9867426	9.210299	9.994204	66
35	1624649	9867143	9.210759	9.994191	65
36	1626371	9866859	9.211220	9 994179	64
37	1628094	9866575	9.211679	9.994166	63
38	1629816	9866291	9.212138	9.994154	62
39	1631538	9866006	9.212597	9.994141	61
40	1633259	9865721	9.213055	9.994129	60
41	1634981	9865436	9.213513	9.994116	59
42	1636703	9865151	9.213970	9.994104	58
43	1638425	9864865	9.214426	9.994091	57
44	1640147	9864578	9.214883	9.994078	56
45	1641868	9864292	9.215338	9.994065	55
46	1643590	9864006	9.215793	9.994053	54
47	1645311	9863719	9 216248	9.994040	53
48	1647033	9863431	9.216702	9.994028	52
49	1648754	9863144	9.217156	9.994015	51
50	1650476	9862856	9.217609	9.994002	50
51	1652197	9862568	9.218062	9.993990	49
52	1653919	9862279	9.218514	9.993977	48
53	1655640	9861990	9.218966	9.993964	47
54	1657361	9861701	9.219417	9.993952	46
55	1659082	9861412	9.219868	9.993939	45
56	1660803	9861122	9.220318	9.993926	44
57	1662524	9860832	9.220768	9.993913	43
58	1664245	9860542	9.221217	9.993901	42
59	1665966	9860251	9.221666	9.993888	41
60	1667687	9859960	9.222114	9.993875	40
61	1669408	9859669	9.222562	9.993862	39
62	1671129	9859377	9 223010	9.993849	38
63	1672850	9859086	9.223457	9.993836	37
64	1674570	9858794	9.223903	9.993824	36
65	1676291	9858501	9.224349	9.993811	35
66	1678012	9858208	9.224795	9.993798	34
		Sinus		Log. Sin.	M

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9 GRAD.

M	Tangen		Log.Tan		
33	1642939	60866508	9.215621	10.784378	67
34	1644732	60800173	9.216095	10.783905	66
35	1646525	60733979	9.216568	10.783432	65
36	1648317	60667925	9.217041	10.782959	64
37	1650110	60602011	9.217513	10.782487	63
38	1651903	60536257	9.217984	10.782015	62
39	1653696	60470601	9.218456	10.781544	61
40	1655489	60405103	9.218926	10.781073	60
41	1657282	60339743	9.219396	10.780603	59
42	1659076	60274521	9.219866	10.780134	58
43	1660869	60209436	9.220335	10.779664	57
44	1662663	60144488	9.220804	10.779196	56
45	1664456	60079676	9.221272	10.778727	55
46	1666250	60015000	9.221740	10.778260	54
47	1668044	59950459	9.222207	10.777792	53
48	1669838	59886053	9.222674	10.777325	52
49	1671632	59821781	9.223140	10.776859	51
50	1673426	59757643	9.223606	10.776393	50
51	1675220	5969364	9.224072	10.775928	49
52	1677015	59629769	9.224537	10.775463	48
53	1678809	5956603	9.225001	10.774998	47
54	1680604	59502426	9.225465	10.774534	46
55	1682398	59438952	9.225929	10.774071	45
56	1684193	59375610	9.226392	10.773608	44
57	1685988	59312400	9.226854	10.773145	43
58	1687783	59249319	9.227316	10.772683	42
59	1689578	5918637	9.227778	10.772222	41
60	691373	59123550	9.228239	10.771760	40
61	1693169	59060860	9.228700	10.771300	39
62	1694964	58998299	9.229160	10.770839	38
63	1696759	58935866	9.229620	10.770379	37
64	1698555	5887356	9.230079	10.769920	36
65	1700351	58811386	9.230538	10.769461	35
66	1702146	58749337	9.230997	10.769003	34
		Tangens		Log. Tan.	M

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M	Sinus		Log.Sin.		
67	1679732	9857915	9.225240	9.993785	33
68	1681453	9857622	9.225685	9.993772	32
69	1683173	9857328	9.226129	9.993759	31
70	1684894	9857034	9.226572	9.993746	30
71	1686614	9856740	9.227016	9.993733	29
72	1688334	9856446	9.227458	9.993720	28
73	1690054	9856151	9.227900	9.993707	27
74	1691775	9855856	9.228342	9.993694	26
75	1693495	9855560	9.228784	9.993681	25
76	1695215	9855265	9.229225	9.993668	24
77	1696935	9854969	9.229665	9.993655	23
78	1698655	9854672	9.230105	9.993642	22
79	1700375	9854376	9.230545	9.993629	21
80	1702095	9854079	9 230984	9.993616	20
81	1703815	9853782	9.231422	9.993603	19
82	1705534	9853484	9.231860	9.993590	18
83	1707254	9853186	9.232298	9.993576	17
84	1708974	9852888	9.232735	9.993563	16
85	1710693	9852590	9.233172	9.993550	15
86	1712413	9852291	9.233608	9.993537	14
87	1714133	9851992	9.234044	9.993524	13
88	1715852	9851693	9.234480	9.993511	12
89	1717571	9851393	9.234915	9.993497	11
90	1719291	9851093	9.235349	9.993484	10
91	1721010	9850793	9.235783	9.993471	9
92	1722729	9850492	9.236217	9.993458	8
93	1724449	9850191	9.236650	9.993444	7
94	1726168	9849890	9.237083	9.993431	6
95	1727887	9849589	9.237515	9.993418	5
96	1729606	9849287	9.237947	9.993405	4
97	1731325	9848985	9.238378	9.993391	3
98	1733044	9848683	9.238809	9.993378	2
99	1734763	9848380	9.239240	9.993365	1
	1736481	9848077	9.259670	9.993351	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
67	1703943	58687415	9.231455	10.768545	33
68	1705739	58625621	9.231912	10.768087	32
69	1707535	58563952	9.232369	10.767630	31
70	1709331	58502409	9.232826	10.767174	30
71	1711127	58440992	9.233282	10.766717	29
72	1712924	58379700	9.233738	10.766262	28
73	1714721	58318533	9.234193	10.765806	27
74	1716517	58257491	9.234648	10.765352	26
75	1718314	58196572	9.235102	10.764897	25
76	1720111	58135777	9.235556	10.764443	24
77	1721908	58075105	9.236010	10.763990	23
78	1723705	58014556	9.236463	10.763537	22
79	1725503	57954129	9.236915	10 763084	21
80	1727300	57893825	9.237368	10.762632	20
81	1729097	57833642	9.237819	10.762180	19
82	1730895	57773581	9.238271	10.761729	18
83	1732692	57713641	9.238721	10.761278	17
84	1734490	57653821	9.239172	10.760828	16
85	1736288	57594122	9.239622	10.760378	15
86	1738086	57534542	9.240071	10.759928	14
87	1739884	57475082	9.240520	10.759479	13
88	1741682	57415742	9.240969	10.759031	12
89	1743481	57356520	9.241417	10.758583	11
90	1745279	57297416	9.241865	10.758135	10
91	1747078	57238431	9.242312	10.757688	9
92	1748876	57179563	9.242759	10.757241	8
93	1750675	57120813	9.243205	10.756794	7
94	1752474	57062180	9.243651	10.756348	6
95	1754273	57003663	9 244097	10.755903	5
96	1756072	56945263	9.244542	10.755457	4
97	1757871	56886979	9.244987	10.755013	3
98	1759671	56828810	9.245431	10.754568	2
99	1761470	56770756	9.245875	10.754124	1
	1763270	56712818	9.246319	10.753681	0
		Tangens		Log.Tang	M

M	Sinus		Log. Sin.		
0	1736482	9848077	9.239670	9.993351	
1	1738200	9847774	9.240100	9.993338	99
2	1739919	9847471	9.240529	9.993325	98
3	1741638	9847167	9.240958	9.993311	97
4	1743356	9846863	9.241386	9.993298	96
5	1745075	9846558	9.241814	9.993284	95
6	1746794	9846253	9.242241	9.993271	94
7	1748512	9845948	9.242668	9.993257	93
8	1750230	9845643	9.243095	9.993244	92
9	1751949	9845338	9.243521	9.993230	91
10	1753667	9845032	9.243947	9.993217	90
11	1755385	9844725	9.244372	9.993203	89
12	1757104	9844419	9.244797	9.993190	88
13	1758821	9844112	9.245222	9.993176	87
14	1760540	9843805	9.245646	9.993163	86
15	1762258	9843497	9.246069	9.993149	85
16	1763976	9843190	9.246492	9.993136	84
17	1765694	9842882	9.246915	9.993122	83
18	1767412	9842573	9.247338	9.993108	82
19	1769129	9842265	9.247759	9.993095	81
20	1770847	9841956	9.248181	9.993081	80
21	1772565	9841647	9.248602	9.993068	79
22	1774283	9841337	9.249023	9.993054	78
23	1776200	9841027	9.249443	9.993040	77
24	1777718	9840717	9.249863	9.993027	76
25	1779435	9840407	9.250282	9.993013	75
26	1781153	9840096	9.250701	9.992999	74
27	1782870	9839785	9.251120	9.992985	73
28	1784587	9839474	9.251538	9.992972	72
29	1786305	9839162	9.251955	9.992958	71
30	1788022	9838850	9.252373	9.992944	70
31	1789739	9838538	9.252790	9.992930	69
32	1791456	9838225	9.253206	9.992917	68
33	1793173	9837913	9.253622	9.992903	67
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
0	1763269	56712818	9.246318	10.753681	
1	1765069	56654994	9.246761	10.753238	99
2	1766869	56597284	9.247204	10.752795	98
3	1768669	56539689	9.247646	10.752353	97
4	1770469	56482207	9.248088	10.751911	96
5	1772269	56424838	9.248529	10.751470	95
6	1774069	56 67582	9.248970	10.751029	94
7	1775869	56310438	9.249411	10.750589	93
8	1777670	56253407	9.249851	10 750149	92
9	1779470	56196487	9.250291	10.749709	91
10	1781271	56139679	9.250730	10.749270	90
11	1783072	56082983	9.251169	10.748831	89
12	1784873	56026397	9.251607	10.748392	88
13	1786674	55969922	9.252045	10.747955	87
14	1788475	55913557	9 252483	10.747517	86
15	1790276	55857301	9.252920	10.747080	85
16	1792077	55801156	9.253357	10.746643	84
17	1793879	55745120	9.253793	10.746207	83
18	1795680	55689192	9.254229	10.745771	82
19	1797482	55633374	9.254664	10.745335	81
20	1799284	55577663	9.255100	10.744900	80
21	1801086	55522061	9.255534	10.744465	79
22	1802888	55466566	9.255969	10.744031	78
23	1804690	55411178	9.256402	10.743597	77
24	1806492	55355898	9.256836	10 743164	76
25	1808294	55300724	9.257269	10.742731	75
26	1810097	55245657	9.257702	10.742298	74
27	1811899	55190696	9.258134	10.741866	73
28	1813702	55135840	9.258566	10.741434	72
29	1815505	55081090	9 258997	10.741002	71
30	1817308	55026445	9.259428	10.740571	70
31	1819111	54971906	9.259859	10.740141	59
32	1820914	54917470	9.260289	10.739710	68
33	1822717	54863139	9.260719	10.739280	67
		Tangens		Log. Tan.	M

M	Sinus		Log. Sin.		
33	1793173	9837913	9.253622	9.992903	67
34	1794890	9837600	9.254038	9.992889	66
35	1796607	9837286	9.254453	9.992875	65
36	1798324	9836972	9.254868	9.992861	64
37	1800041	9836658	9.255282	9.992847	63
38	1801758	9836344	9.255696	9.992834	62
39	1803475	9836029	9.256110	9.992820	61
40	1805191	9835715	9.256523	9.992806	60
41	1806908	9835399	9.256936	9.992792	59
42	1808624	9835084	9.257348	9.992778	58
43	1810341	9834768	9.257760	9.992764	57
44	1812057	9834452	9.258172	9.992750	56
45	1813774	9834135	9.258583	9.992736	55
46	1815490	9833819	9.258994	9.992722	54
47	1817206	9833502	9 259404	9.992708	53
48	1818923	9833184	9.259814	9.992694	52
49	1820639	9832867	9.260224	9.992680	51
50	1822355	9832549	9.260633	9.992666	50
51	1824071	9832231	9.261042	9.992652	49
52	1825787	9831912	9.261450	9.992638	48
53	1827503	9831593	9.261858	9.992624	47
54	1829219	9831274	9.262266	9.992610	46
55	1830935	9830955	9.262673	9.992596	45
56	1832651	9830635	9.263080	9.992581	44
57	1834366	9830315	9.263486	9.992567	43
58	1836082	9829995	9.263892	9.992553	42
59	1837798	9829674	9.264298	9.992539	41
60	1839513	9829353	9.264703	9.992525	40
61	1841229	9829032	9.265108	9.992511	39
62	1842944	9828711	9 265512	9.992496	38
63	1844660	9828389	9.265916	9.992482	37
64	1846375	9828067	9.266320	9.992468	36
65	1848090	9827744	9.266723	9.992454	35
66	1849805	9827422	9.267126	9.992439	34
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
33	1822717	54863139	9.260719	10.739280	67
34	1824521	54808912	9.261149	10.738851	66
35	1826324	54754788	9.261578	10.738422	65
36	1828128	54700768	9.262006	10.737993	64
37	1829931	54646851	9.262435	10.737565	63
38	1831735	54593037	9.262862	10.737137	62
39	1833539	54539325	9.263290	10.736710	61
40	1835343	54485715	9.263717	10.736282	60
41	1837147	54432207	9.264144	10.735856	59
42	1838952	54378801	9.264570	10.735429	58
43	1840756	54325496	9.264996	10.735003	57
44	1842561	54272291	9.265422	10.734578	56
45	1844365	54219188	9.265847	10.734153	55
46	1846170	54166185	9.266272	10.733728	54
47	1847975	54113282	9.266696	10.733304	53
48	1849780	54060479	9.267120	10.732880	52
49	1851585	54007776	9.267544	10.732456	51
50	1853390	53955171	9.267967	10.732033	50
51	1855196	53902666	9.268390	10.731610	49
52	1857001	53850260	9.268812	10.731188	48
53	1858807	53797952	9.269234	10.730766	47
54	1860612	53745742	9.269656	10.730344	46
55	1862418	53693630	9.270077	10.729923	45
56	1864224	53641615	9.270498	10.729502	44
57	1866030	53589698	9.270918	10.729081	43
58	1867836	53537878	9.271339	10.728661	42
59	1869643	53486154	9.271758	10.728241	41
60	1871449	53434527	9.272178	10.727822	40
61	1873255	53382996	9.272597	10.727403	39
62	1875062	53331562	9.273015	10.726984	38
63	1876869	53280222	9.273434	10.726566	37
64	1878676	53228979	9.273852	10.726148	36
65	1880483	53177830	9.274269	10.725730	35
66	1882290	53126776	9.274686	10.725313	34
		Tangens		Log. Tan.	M

M	Sinus		Log. Sin.		
67	1851521	9827099	9.267528	9.992425	33
68	1853236	9826775	9.267931	9.992411	32
69	1854951	9826452	9.268332	9.992397	31
70	1856666	9826128	9.268734	9.992382	30
71	1858381	9825804	9.269135	9.992368	29
72	1860096	9825479	9.269535	9.992354	28
73	1861811	9825154	9.269935	9.992339	27
74	1863525	9824829	9.270335	9.992325	26
75	1865240	9824504	9.270735	9.992310	25
76	1866955	9824178	9.271134	9.992296	24
77	1868669	9823852	9.271532	9.992282	23
78	1870384	9823526	9.271931	9.992268	22
79	1872099	9823199	9.272329	9.992253	21
80	1873813	9822872	9.272726	9.992238	20
81	1875527	9822545	9.273123	9.992224	19
82	1877242	9822218	9.273520	9.992209	18
83	1878956	9821890	9.273916	9.992 95	17
84	1880670	9821562	9.274312	9.992180	16
85	1882384	9821233	9.274700	9.992166	15
86	1884098	9820905	9.275103	9.992151	14
87	1885812	9820576	9.275498	9.992137	13
88	1887526	9820246	9.275893	9.992122	12
89	1889240	9819917	9.276287	9.992108	11
90	1890954	9819587	9.276681	9.992093	10
91	1892668	9819257	9.277074	9.992078	9
92	1894382	9818926	9.277467	9.992064	8
93	1896095	9818595	9.277860	9.992049	7
94	1897809	9818264	9.278252	9.992035	6
95	1899523	9817933	9.278644	9.992020	5
96	1901236	9817601	9.279036	9.992005	4
97	1902950	9817269	9.279427	9.991991	3
98	1904663	9816937	9.279818	9.991976	2
99	1906376	9816605	9.280209	9.991961	1
	1908090	9816272	9.280599	9.991946	0
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
67	1884097	53075817	9.275103	10.724896	33
68	1885904	53024953	9.275519	10.724480	32
69	1887712	52974181	9.275936	10.724064	31
70	1889519	52923504	9.276351	10.723648	30
71	1891327	52872921	9.276766	10.723233	29
72	1893135	52822431	9.277186	10.722818	28
73	1894943	52772033	9.277596	10.722404	27
74	1896751	52721729	9.278010	10.721989	26
75	1898559	52671517	9.278424	10.721576	25
76	1900367	52621397	9.278837	10.721162	24
77	1902176	52571370	9.279251	10.720749	23
78	1903984	52521434	9.279663	10.720336	22
79	1905793	52471589	9.280076	10.719924	21
80	1907602	52421836	9.280488	10.719512	20
81	1909411	52372173	9.280899	10.719100	19
82	1911220	52322601	9.281310	10.718689	18
83	1913029	52273120	9.28172	10.718278	17
84	1914838	52223729	9.282132	10.717868	16
85	1916648	52174428	9.282542	10.717457	15
86	1918457	52125217	9.282952	10.717048	14
87	1920267	52076095	9.283361	10.716638	13
88	1922076	52027062	9.283770	10.716229	12
89	1923886	51978118	9.284179	10.715820	11
90	1925696	51929264	9.284588	10.715412	10
91	1927506	51880497	9.284996	10.715004	9
92	1929317	51831819	9.285403	10.714596	8
93	1931127	51783228	9.285811	10.714189	7
94	1932937	51734726	9.286218	10.713782	6
95	1934748	51686311	9.286624	10.713375	5
96	1936559	51637983	9.287031	10.712969	4
97	1938370	51589742	9.287436	10.712563	3
98	1940181	51541588	9.287842	10.712158	2
99	1941992	51493522	9.288247	10.711752	1
	1943803	51445540	9.288652	10.711348	0
		Tangens		Log.Tang	M

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M	Sinus		Log.Sin.		
0	1908090	9816272	9.280599	9.991946	
1	1909803	9815938	9.280988	9.991932	99
2	1911516	9815605	9.281378	9.991917	98
3	1913229	9815271	9.281767	9.991902	97
4	1914942	9814937	9.282156	9.991887	96
5	1916655	9814603	9.282544	9.991873	95
6	1918368	9814268	9.282932	9.991858	94
7	1920081	9813933	9.283319	9.991843	93
8	1921794	9813598	9.283706	9.991828	92
9	1923507	9813262	9.284094	9.991813	91
10	1925219	9812926	9.284480	9.991798	90
11	1926932	9812590	9.284866	9.991783	89
12	1928645	9812254	9.285252	9.991769	88
13	1930357	9811917	9.285638	9.991754	87
14	1932070	9811580	9.286023	9.991739	86
15	1933782	9811243	9.286407	9.991724	85
16	1935494	9810905	9.286792	9.991709	84
17	1937207	9810567	9.287176	9.991694	83
18	1938919	9810229	9.287560	9.991679	82
19	1940631	9809890	9.287943	9.991664	81
20	1942343	9809551	9.288326	9.991649	80
21	1944055	9809212	9.288708	9.991634	79
22	1945767	9808873	9.289091	9.991619	78
23	1947479	9808533	9.289473	9.991604	77
24	1949191	9808193	9.289854	9.991589	76
25	1950903	9807853	9.290236	9.991574	75
26	1952615	9807512	9.290616	9.991559	74
27	1954326	9807171	9.290997	9.991544	73
28	1956038	9806830	9.291377	9.991528	72
29	1957750	9806488	9.291757	9.991513	71
30	1959461	9806146	9.292137	9.991498	70
31	1961173	9805804	9.292516	9.991483	69
32	1962884	9805462	9.292895	9.991468	68
33	1964595	9805119	9.293273	9.991453	67
		Sinus		Log.Sin.	M

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11 GRAD.

M	Tangen		Log.Tan		
0	1943803	51445540	9.288652	10.711348	
1	1945614	51397645	9.289057	10.710943	99
2	1947426	51349836	9.289461	10.710539	98
3	1949237	51302112	9.289865	10.710135	97
4	1951049	51254474	9.290268	10.709732	96
5	1952861	51206921	9.290671	10.709328	95
6	1954673	51159453	9.291074	10.708926	94
7	1956485	51112070	9.291476	10.708523	93
8	1958297	51064771	9.291879	10.708121	92
9	1960109	51017556	9.292280	10.707719	91
10	1961921	50970426	9.292682	10.707318	90
11	1963734	50923379	9.293083	10.706917	89
12	1965547	50876416	9.293483	10.706516	88
13	1967360	50829536	9.293884	10.706116	87
14	1969173	50782739	9.294284	10.705716	86
15	1970986	50736025	9.294683	10.705316	85
16	1972799	50689393	9.295083	10.704917	84
17	1974612	50642845	9.295482	10.704518	83
18	1976426	50596378	9.295880	10.704119	82
19	1978239	50549993	9.296279	10.703721	81
20	1980053	50503690	9.296677	10.703323	80
21	1981867	50457469	9.297074	10.702925	79
22	1983681	50411329	9.297472	10.702528	78
23	1985495	50365270	9.297869	10.702131	77
24	1987309	50319292	9.298265	10.701734	76
25	1989123	50273394	9.298662	10.701338	75
26	1990938	50227578	9.299057	10.700942	74
27	1992752	50181841	9.299453	10.700546	73
28	1994567	50136185	9.299849	10.700151	72
29	1996382	50090608	9.300243	10.699756	71
30	1998197	50045111	9.300638	10.699361	70
31	2000012	49999693	9.301032	10.698967	69
32	2001827	49954355	9.301426	10.698573	68
33	2003643	49909095	9.301820	10.698180	67
		Tangens		Log.Tang	M

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M	Sinus		*Log. Sin.*		
33	1964595	9805119	9.293273	9.991453	67
34	1966307	9804776	9.293650	9.991437	66
35	1968018	9804433	9.294029	9.991422	65
36	1969729	9804089	9.294406	9.991407	64
37	1971440	9803745	9.294783	9.991392	63
38	1973151	9803401	9.295160	9.991377	62
39	1974862	9803056	9.295537	9.991361	61
40	1976573	9802712	9.295913	9.991346	60
41	1978284	9802366	9.296288	9.991331	59
42	1979995	9802021	9.296664	9.991315	58
43	1981706	9801675	9.297039	9.991300	57
44	1983416	9801329	9.297414	9.991285	56
45	1985127	9800983	9.297788	9.991269	55
46	1986837	9800636	9.298162	9.991254	54
47	988548	9800289	9.298536	9.991239	53
48	1990258	9799942	9.298909	9.991223	52
49	1991969	9799595	9.299282	9.991208	51
50	1993679	9799247	9.299655	9.991193	50
51	1995389	9798898	9.300028	9.991177	49
52	1997100	9798550	9.300400	9.991161	48
53	1998810	9798202	9.300771	9.991546	47
54	2000520	9797853	9.301143	9.991131	46
55	2002230	9797503	9.301514	9.991115	45
56	2003940	9797154	9.301885	9.991101	44
57	2005650	9796804	9.302255	9.991084	43
58	2007360	9796454	9.302625	9.991069	42
59	2009069	9796103	9.302995	9.991053	41
60	2010779	9795752	9.303364	9.991037	40
61	2012489	9795401	9.303733	9.991022	39
62	2014198	9795050	9.304102	9.991006	38
63	2015908	9794698	9.304471	9.990991	37
64	2017617	9794346	9.304839	9.990975	36
65	2019327	9793994	9.305206	9.990960	35
66	2021036	9793641	9.305574	9.990944	34
		Sinus		*Log. Sin.*	M

M	Tangen		Log. Tan		
33	2003643	49909095	9.301820	10.698180	67
34	2005458	49863915	9.302213	10.697786	66
35	2007273	49818813	9.302606	10.697393	65
36	2009089	49773789	9.302999	10.697001	64
37	2010905	49728843	9.303391	10.696608	63
38	2012721	49683976	9.303783	10.696216	62
39	2014537	49639186	9.304175	10.695824	61
40	2016353	49594473	9.304567	10.695433	60
41	2018170	49549838	9.304958	10.695042	59
42	2019986	49505280	9.305348	10.694651	58
43	2021803	49460800	9.305739	10.694261	57
44	2023619	49416395	9.306129	10.693871	56
45	2025437	49372068	9.306518	10.693481	55
46	2027254	49327816	9.306908	10.693092	54
47	2029071	49283641	9.307297	10.692703	53
48	2030888	49239541	9.307686	10.692314	52
49	2032705	49195518	9.308074	10.691925	51
50	2034523	49151570	9.308462	10.691537	50
51	2036340	49107697	9.308850	10.691149	49
52	2038158	49063900	9.309238	10.690762	48
53	2039976	49020177	9.309625	10.690375	47
54	2041794	48976529	9.310012	10.689989	46
55	2043612	48932956	9.310398	10.689601	45
56	2045431	48889457	9.310785	10.689215	44
57	2047249	48846032	9.311171	10.688829	43
58	2049068	48802681	9.311556	10.688443	42
59	2050886	48759405	9.311941	10.688058	41
60	2052705	48716201	9.312326	10.687673	40
61	2054524	48673071	9.312711	10.687289	39
62	2056343	48630014	9.313095	10.686904	38
63	2058162	48587031	9.313479	10.686520	37
64	2059981	48544119	9.313863	10.686136	36
65	2061861	48501281	9.314247	10.685753	35
66	2063621	48458516	9.314630	10.685370	34
		Tangens		Log. Tan.	M

M	Sinus		Log.Sin.		
67	2022745	9793288	9.305941	9.990928	33
68	2024454	9792935	9.306308	9.990913	32
69	2026164	9792582	9.306674	9.990897	31
70	2027873	9792228	9.307041	9.990881	30
71	2029582	9791874	9.307406	9.990866	29
72	2031291	9791519	9.307772	9.990850	28
73	2033000	9791165	9.308137	9.990834	27
74	2034709	9790810	9.308502	9.990818	26
75	2036417	9790453	9.308866	9.990803	25
76	2038126	9790099	9.309231	9.990787	24
77	2039835	9789743	9.309595	9.990771	23
78	2041543	9789387	9.309958	9.990755	22
79	2043252	9789030	9.310322	9.990739	21
80	2044960	9788674	9.310685	9.990724	20
81	2046669	9788317	9 311047	9.990708	19
82	2048377	9787959	9.311410	9.990692	18
83	2050085	9787602	9.311772	9.990676	17
84	2051794	9787244	9.312134	9.990660	16
85	2053502	9786885	9.312495	9.990644	15
86	2053210	9786527	9.312856	9.990628	14
87	2056918	9786168	9.313217	9.990612	13
88	2058626	9785809	9.313577	9.990597	12
89	2060334	9785449	9.313937	9 990581	11
90	2062042	9785090	9.314297	9.990565	10
91	2063749	9784730	9.314657	9.990549	9
92	2065457	9784369	9.315016	9.990533	8
93	2067165	9784009	9.315375	9.990517	7
94	2068872	9783648	9.315734	9.990501	6
95	2070580	9783286	9.316092	9.990485	5
96	2072287	9782925	9.316450	9 990469	4
97	2073995	9782563	9.316808	9.990452	3
98	2075702	9782201	9.317165	9.990436	2
99	2077409	9781839	9.317522	9 990420	1
	2079117	9781476	9.317879	9.990404	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
67	2065440	48415822	9.315012	10.684987	33
68	2067260	48373201	9.315395	10.684605	32
69	2069080	48330651	9.315777	10.684222	31
70	2070900	48288173	9.316159	10.683841	30
71	2072720	48245767	9.316541	10.683459	29
72	2074541	48203432	9.316922	10.683078	28
73	2076361	48161168	9.317303	10.682697	27
74	2078182	48118976	9.317683	10.682316	26
75	2080003	48076854	9.318064	10.681936	25
76	2081824	48034802	9.318444	10.681556	24
77	2083645	47992822	9.318824	10.681176	23
78	2085466	47950911	9.319203	10.680797	22
79	2087287	47909071	9.319582	10.680418	21
80	2089109	47867300	9.319961	10.680039	20
81	2090930	47825599	9.320339	10.679660	19
82	2092752	47783968	9.320718	10.679282	18
83	2094574	47742406	9.321095	10.678904	17
84	2096396	47700913	9.321473	10.678526	16
85	2098218	47659490	9.321850	10.678149	15
86	2100040	47618135	9.322227	10.677772	14
87	2101862	47576849	9.322604	10.677395	13
88	2103685	47535631	9.322981	10.677019	12
89	2105508	47494482	9.323357	10.676643	11
90	2107330	47453401	9.323732	10.676267	10
91	2109153	47412387	9.324108	10.675891	9
92	2110976	47371442	9.324483	10.675516	8
93	2112799	47330564	9.324858	10.675141	7
94	2114623	47289754	9.325233	10.674767	6
95	2116446	47249011	9.325607	10.674393	5
96	2118270	47208336	9.325981	10.674018	4
97	2120093	47167727	9.326355	10.673645	3
98	2121917	47127185	9.326728	10.673271	2
99	2123741	47086709	9.327101	10.672898	1
	2125565	47046301	9.327474	10.672525	0
		Tangens		Log.Tang	M

M	Sinus		Log.Sin.		
0	2079117	9781476	9.317879	9.990404	
1	2080824	9781113	9.318235	9.990388	99
2	2082531	9780749	9.318591	9.990372	98
3	2084238	9780386	9.318947	9.990356	97
4	2085945	9780022	9.319303	9.990340	96
5	2087652	9779658	9.319658	9.990323	95
6	2089359	9779293	9.320013	9.990307	94
7	2091065	9778928	9.320367	9.990291	93
8	2092772	9778563	9.320722	9.990275	92
9	2094479	9778198	9.321076	9.990259	91
10	2096185	9777832	9.321430	9.990242	90
11	2097892	9777466	9.321783	9.990226	89
12	2099598	9777100	9.322136	9.990210	88
13	2101305	9776733	9.322489	9.990194	87
14	2103011	9776366	9.322841	9 990177	86
15	2104717	9775999	9.323194	9.990161	85
16	2106424	9775631	9.323546	9.990145	84
17	2108130	9775264	9.323897	9.990128	83
18	2109836	9774896	9.324249	9.990112	82
19	2111542	9774527	9.324600	9.990096	81
20	2113248	9774159	9.324950	9.990079	80
21	2114954	9773790	9.325301	9.990063	79
22	2116659	9773420	9.325651	9.990046	78
23	2118 65	9773051	9.326001	9 990030	77
24	2120071	9772681	9.326350	9.990014	76
25	2121777	9772311	9.326699	9.989997	75
26	2123482	9771940	9.327048	9.989981	74
27	2125188	9771570	9.327397	9.989964	73
28	2126893	9771199	9.327745	9.989948	72
29	2128598	9770827	9.328094	9.989931	71
30	2130304	9770456	9.328441	9.989915	70
31	2132009	9770084	9.328789	9.989898	69
32	2133714	9769711	9.329136	9.989881	68
33	2135419	9769339	9.329483	9.989865	67
		Sinus		Log.Sin.	M

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M	Tangen		Log.Tan		
0	2125565	47046301	9.327474	10.672525	
1	2127390	47005958	9.327847	10.672153	99
2	2129214	46965682	9 328219	10.671780	98
3	2131039	46925471	9 328591	10.671408	97
4	2132963	46885327	9.328963	10.671037	96
5	2134688	46845248	9.329334	10.670665	95
6	2136513	46805235	9.329705	10.670294	94
7	2138338	46765286	9.330076	10.669923	93
8	2140163	46725403	9.330447	10 669553	92
9	2141989	46685585	9.330817	10.669183	91
10	2143814	46645832	9.331187	10.668813	90
11	2145640	46605144	9.331557	10.668443	89
12	2147465	46566520	9.331926	10.668074	88
13	2149291	46526960	9.332295	10.667704	87
14	2151117	46487465	9.332664	10.667336	86
15	2152943	46448033	9.333032	10.666967	85
16	2154770	46408666	9.333401	10.666599	84
17	2156596	46369362	9.333769	10.666231	83
18	2158422	46330122	9.334136	10.665853	82
19	2160249	46290945	9.334504	10.665496	81
20	2162076	46251832	9.334871	10.665129	80
21	2163903	46212781	9.335238	10.664762	79
22	2165730	46173794	9 335604	10.664395	78
23	2167558	46134869	9.335971	10.664029	77
24	2169385	46096007	9.336336	10.663663	76
25	2171213	46057207	9.336702	10.663297	75
26	2173040	46018470	9.337068	10.662932	74
27	2174868	45979795	9.337433	10.662567	73
28	2176696	45941182	9.337798	10.662202	72
29	2178524	45902631	9.338162	10.661837	71
30	2180353	45864141	9 338527	10.661473	70
31	2182181	45825713	9.338891	10.661109	69
32	2184009	45787347	9.339254	10.660745	68
33	2185838	45749042	9.339618	10.660382	67
		Tangens		Log.Tang	M

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M	Sinus		Log.Sin.		
33	2135419	9769339	9.329483	9.989865	67
34	2137124	9768966	9.329830	9.989848	66
35	2138829	9768593	9.330176	9.989832	65
36	2140534	9768219	9.330522	9.989815	64
37	2142239	9767846	9.330868	9.989799	63
38	2143944	9767472	9.331213	9.989782	62
39	2145648	9767097	9.331558	9.989765	61
40	2147354	9766723	9.331903	9.989749	60
41	2149058	9766348	9.332248	9.989732	59
42	2150762	9765972	9.332592	9.989715	58
43	2152467	9765597	9.332936	9.989699	57
44	2154171	9765221	9.333280	9.989682	56
45	2155875	9764845	9.333623	9.989665	55
46	2157579	9764469	9.333967	9.989648	54
47	2159284	9764092	9.334310	9.989632	53
48	2160988	9763715	9.334652	9.989615	52
49	2162692	9763337	9.334995	9.989598	51
50	2164396	9762960	9.335337	9.989581	50
51	2166100	9762582	9.335678	9.989565	49
52	2167804	9762204	9.336019	9.989548	48
53	2169508	9761825	9.336361	9.989531	47
54	2171211	9761446	9.336702	9.989514	46
55	2172915	9761067	9.337043	9.989497	45
56	2174618	9760688	9.337383	9.989480	44
57	2176322	9760308	9.337723	9.989463	43
58	2178025	9759929	9.338063	9.989446	42
59	2179729	9759548	9.338402	9.989430	41
60	2181432	9759167	9.338741	9.989413	40
61	2183135	9758786	9.339081	9.989396	39
62	2184839	9758405	9.339419	9.989379	38
63	2186542	9758024	9.339778	9.989362	37
64	2188245	9757642	9.340096	9.989345	36
65	2189948	9757260	9.340434	9.989328	35
66	2191651	9756878	9.340771	9.989311	34
		Sinus		Log.Sin.	M

M	Tangen		Log. Tan		
33	2185838	95749042	9.339618	10.660382	67
34	2187667	95710797	9.339981	10.660019	66
35	2189496	95672614	9.340344	10.659656	65
36	2191325	95634492	9.340707	10.659293	64
37	2193154	95596430	9.341069	10.658931	63
38	2194983	95558429	9.341431	10.658569	62
39	2196812	95520489	9.341793	10.658207	61
40	2198642	95482608	9.342154	10.657845	60
41	2200472	95444788	9.342516	10.657484	59
42	2202302	95407027	9.342877	10.657123	58
43	2204132	95369327	9.343237	10.656762	57
44	2205962	95331686	9.343598	10.656402	56
45	2207793	95294104	9.343958	10.656041	55
46	2209623	95256582	9.344318	10.655682	54
47	2211454	95219119	9.344678	10.655322	53
48	2213284	95181716	9.345037	10.654963	52
49	2215115	95144371	9.345396	10.654603	51
50	2216946	95107085	9.345755	10.654245	50
51	2218778	95069857	9.346114	10.653886	49
52	2220609	95032689	9.346472	10.653528	48
53	2222440	94995578	9.346830	10.653170	47
54	2224272	94958526	9.347188	10.652812	46
55	2226104	94921532	9.347545	10.652454	45
56	2227936	94884596	9.347902	10.652097	44
57	2229768	94847717	9.348259	10.651740	43
58	2231600	94810897	9.348616	10.651383	42
59	2233432	94774134	9.348973	10.651027	41
60	2235265	94737428	9.349329	10.650671	40
61	2237097	94700780	9.349685	10.650315	39
62	2238930	94664189	9.350040	10.649959	38
63	2240763	94627654	9.350395	10.649604	37
64	2242596	94591177	9.350751	10.649248	36
65	2244429	94554756	9.351106	10.648894	35
66	2246262	94518392	9.351460	10.648539	34
		Tangens		Log. Tan.	M

12 GRAD.

	Sinus		Log.Sin.		
67	2193354	9756495	9.341109	9.989294	33
68	2195056	9756112	9.341446	9.989277	32
69	2196759	9755729	9.341782	9.989260	31
70	2198462	9755345	9.342119	9.989242	30
71	2200164	9754961	9.342455	9.989225	29
72	2201867	9754577	9.342791	9.989208	28
73	2203569	9754193	9.343127	9.989191	27
74	2205272	9753808	9.343462	9.989174	26
75	2206974	9753423	9.343797	9.989157	25
76	2208676	9753037	9.344132	9.989140	24
77	2210379	9752652	9.344467	9.989123	23
78	2212081	9752266	9.344801	9.989105	22
79	2213783	9751880	9.345135	9.989088	21
80	2215485	9751493	9.345469	9.989071	20
81	2217187	9751107	9.345802	9.989054	19
82	2218889	9750719	9.346135	9.989036	18
83	2220590	9750332	9.346468	9.989019	17
84	2222292	9749944	9.346801	9.989002	16
85	2223993	9749556	9.347133	9.988985	15
86	2225695	9749168	9.347466	9.988967	14
87	2227397	9748779	9.347797	9.988950	13
88	2229098	9748390	9.348129	9.988933	12
89	2230800	9748001	9.348460	9.988915	11
90	2232501	9747611	9.34879	9.988898	10
91	2234202	9747222	9.349122	9.988881	9
92	2235903	9746832	9.349453	9.988863	8
93	2237604	9746441	9.349783	9.988846	7
94	2239306	9746051	9.350113	9.988828	6
95	2241007	9745660	9.350443	9.988811	5
96	2242707	9745269	9.350772	9.988794	4
97	2244408	9744877	9.351101	9.988776	3
98	2246109	9744485	9.351431	9.988759	2
99	2247810	9744093	9.351759	9.988741	1
	2249510	9743700	9.352088	9.988724	0
		Sinus		Log.Sin.	M

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M	Tangen		Log.Tan		
67	2248096	44482085	9.351815	10.648185	33
68	2249929	44445833	9.352169	10.647831	32
69	2251763	44409638	9.352522	10.647477	31
70	2253597	44373499	9.352876	10.647123	30
71	2255431	44337416	9.353229	10.646770	29
72	2257265	44301389	9.353582	10.646417	28
73	2259100	44265417	9.353935	10.646064	27
74	2260934	44229501	9.354288	10.645712	26
75	2262769	44193641	9.354640	10.645360	25
76	2264604	44157835	9.354992	10.645008	24
77	2266438	44122085	9.355344	10.644656	23
78	2268273	44086390	9.355695	10.64430	22
79	2270109	44050750	9.356046	10.643953	21
80	2271944	44015164	9.356397	10.643602	20
81	227378	43979633	9.356748	10.64325	19
82	2275615	43944157	9.357099	10.642901	18
83	2277451	43908735	9.357449	10.642551	17
84	2279287	43873367	9.357799	10.642201	16
85	2281123	43838053	9.358149	10.641851	15
86	2282959	43802794	9.358498	10.641502	14
87	2284796	43767588	9.358847	10.641152	13
88	2286632	43732436	9.359196	10.640803	12
89	2288469	43697338	9.359545	10.640455	11
90	2290306	43662293	9.359893	10.640106	10
91	2292142	43627301	9.360241	10.639758	9
92	2293980	43592363	9.360589	10.639410	8
93	2295817	43557478	9.360937	10.639063	7
94	2297654	43522645	9.366128	10.638715	6
95	2299491	43487866	9.361631	10.638367	5
96	230 330	4345314	9.361979	10.638021	4
97	2303167	43418466	9.362325	10.637674	3
98	2305005	43383844	9.362672	10.637328	2
99	2306843	43349275	9.363018	10.636982	1
	2308682	43314759	9.363364	10.636636	0
		Tangens		Log.Tang	M

13 GRAD.

M	Sinus		Log.Sin.		
0	2249510	9743700	9.352088	9.988724	
1	2251211	9743308	9.352416	9.988706	99
2	2252911	9742915	9.352744	9.988689	98
3	2254612	9742521	9.353072	9.988671	97
4	2256312	9742128	9.353399	9.988654	96
5	2258012	9741734	9.353726	9.988636	95
6	2259713	9741339	9.354053	9.988618	94
7	2261413	9740945	9.354380	9.988601	93
8	2263113	9740550	9.354706	9.988583	92
9	2264813	9740155	9.355032	9.988566	91
10	2266513	9739759	9.355358	9.988548	90
11	2268213	9739364	9.355684	9.988530	89
12	2269913	9738968	9.356009	9.988513	88
13	2271612	9738571	9.356334	9.988495	87
14	2273312	9738175	9.356659	9.988477	86
15	2275012	9737778	9.356983	9.988460	85
16	2276711	9737381	9.357308	9.988442	84
17	2278411	9736983	9.357632	9.988424	83
18	2280110	9736585	9.357956	9.988406	82
19	2281809	9736187	9.358279	9.988389	81
20	2283509	9735789	9.358603	9.988371	80
21	2285208	9735390	9.358926	9.988353	79
22	2286907	9734991	9.359248	9.988335	78
23	2288606	9734592	9.359571	9.988318	77
24	2290305	9734192	9.359893	9.988300	76
25	2292004	9733792	9.360215	9.988282	75
26	2293703	9733392	9.360537	9.988264	74
27	2295401	9732992	9.360858	9.988246	73
28	2297100	9732591	9.361180	9.988228	72
29	2298799	9732190	9.361501	9.988210	71
30	2300497	9731789	9.361822	9.988192	70
31	2302196	9731387	9.362142	9.988175	69
32	2303894	9730985	9.362462	9.988157	68
33	2305592	9730583	9.362782	9.988139	67
		Sinus		Log.Sin.	M

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M	Tangen		Log.Tan		
0	2308682	43314758	9.363364	10.636636	
1	2310520	43280294	9.363710	10.636290	99
2	2312359	43245881	9.364055	10.635945	98
3	2314197	43211521	9.364400	10 635599	97
4	2316036	43177212	9.364745	10.635254	96
5	2317875	43142955	9.365090	10.634910	95
6	2319715	43108749	9.365434	10.634565	94
7	2321554	43074595	9.365779	10.634221	93
8	2323393	43040492	9.366123	10.633877	92
9	2325233	43006440	9.366466	10.633533	91
10	2327073	42972440	9.366810	10.633190	90
11	2328913	42938490	9.367153	10.632847	89
12	2330753	42904591	9.367496	10.632504	88
13	2332593	42870743	9.367839	10.632161	87
14	2334433	42836946	9 368181	10.631818	86
15	2336274	42803199	9.368524	10.631476	85
16	2338114	42769502	9.368866	10.631134	84
17	2339955	42735856	9.369207	10.630792	83
18	2341796	42702260	9.369549	10.630451	82
19	2343637	42668714	9.369890	10.630109	81
0	2345479	42635217	9.370231	10.629768	80
1	2347320	42601771	9.370572	10.629427	79
2	2349162	42568374	9.370913	10.629087	78
3	2351003	42535027	9.371253	10.628746	77
4	2352845	42501730	9.371593	10.628406	76
5	2354687	42468481	9.371933	10.628067	75
6	2356529	42435282	9.372273	10.627727	74
7	2358372	42402133	9.372612	10.627388	73
8	2360214	42369032	9.372952	10.627048	72
9	2362057	42335980	9.373290	10.626709	71
0	2363900	42302977	9.373629	10.626371	70
1	2365743	42270022	9.373967	10.626032	59
2	2367586	42237117	9.374306	10.625694	68
3	2369429	42204259	9.374644	10.625356	67
		Tangens		Log. Tan.	M

E

M	Sinus		Log.Sin.		
33	2305592	9730583	9.362782	9.988139	57
34	2307291	9730180	9.363102	9.988121	66
35	2308989	9729777	9.363422	9.988103	65
36	2310687	9729374	9.363741	9.988085	64
37	2312385	9728971	9.364060	9.988067	63
38	2314083	9728567	9.364379	9.988049	62
39	2315781	9728163	9.364697	9.988031	61
40	2317479	9727759	9.365016	9.988013	60
41	2319177	9727354	9.365334	9.987995	59
42	2320874	9726949	9.365651	9.987976	58
43	2322572	9726544	9.365969	9.987958	57
44	2324270	9726138	9.366286	9.987940	56
45	2325967	9725732	9.366603	9.987922	55
46	2327664	9725326	9.366920	9.987904	54
47	2329362	9724920	9 367237	9.987886	53
48	2331059	9724513	9.367553	9.987868	52
49	2332756	9724106	9.367869	9.987850	51
50	2334453	9723699	9.368185	9.987831	50
51	2336151	9723291	9.368501	9.987813	49
52	2337848	9722884	9.368816	9.987795	48
53	2339544	9722475	9.369131	9.987777	47
54	2341241	9722067	9.369446	9.987758	46
55	2342938	9721658	9.369761	9.987740	45
56	2344635	9721249	9.370075	9.987722	44
57	2346331	9720840	9.370389	9.987704	43
58	2348028	9720430	9.370703	9.987685	42
59	2349725	9720020	9.371017	9.987667	41
60	2351421	9719610	9.371330	9.987649	40
61	2353117	9719199	9.371643	9.987630	3
62	2354814	9718788	9 371956	9.987612	3
63	2356510	9718377	9.372269	9.987594	3
64	2358286	9717965	9.372582	9.987575	3
65	2359902	9717554	9.372894	9.987557	3
66	2361598	9717142	9.373206	9.987538	3
		Sinus		Log.Sin.	M

M	Tangen		Log. Tan		
33	2369429	42204259	9.374644	10.625356	67
34	2371272	42171450	9.374981	10.625018	66
35	2373116	42138690	9.375319	10.624681	65
36	2374960	42105977	9.375656	10.624344	64
37	2376803	42073313	9.375993	10.624007	63
38	2378647	42040696	9.376330	10.623670	62
39	2380492	42008127	9.376666	10.623333	61
40	2382336	41975606	9.377003	10.622997	60
41	2384180	41943133	9.377339	10.622661	59
42	2386025	41910707	9.377675	10.622325	58
43	2387870	41878328	9.378010	10.621989	57
44	2389715	41845997	9.378346	10.621654	56
45	2391560	41813713	9.378681	10.621319	55
46	2393405	41781476	9.379016	10.620984	54
47	2395250	41749286	9.379351	10.620649	53
48	2397096	41717143	9.379685	10.620315	52
49	2398942	41685047	9.380020	10.619980	51
50	2400787	41652998	9.380354	10.619646	50
51	2402633	41620994	9.380687	10.619312	49
52	2404480	41589038	9.381021	10.618979	48
53	2406326	41557127	9.381354	10.618645	47
54	2408172	41525263	9.381687	10.618312	46
55	2410019	41493446	9.382020	10.617979	45
56	2411866	41461674	9.382353	10.617647	44
57	2413713	41429948	9.382685	10.617314	43
58	2415560	41398268	9.383018	10.616982	42
59	2417407	41366634	9.383350	10.616650	41
60	2419254	41335046	9.383681	10.616318	40
61	2421102	41303503	9.384013	10.615987	39
62	2422950	41272005	9.384344	10.615655	38
63	2424798	41240553	9.384675	10.615324	37
64	2426646	41209146	9.385006	10.614993	36
65	2428493	41177784	9.385337	10.614663	35
66	2430342	41146467	9.385667	10.614332	34
		Tangens		Log. Tan.	M

M	Sinus		Log. Sin.		
67	2363294	9716730	9.373518	9.987520	33
68	2364990	9716317	9.373829	9.987501	32
69	2366686	9715904	9.374140	9.987483	31
70	2368381	9715491	9.374451	9.987465	30
71	2370077	9715077	9.374762	9.987446	29
72	2371772	9714664	9.375073	9.987428	28
73	2373468	9714250	9.375383	9.987409	27
74	2375163	9713835	9.375693	9.987391	26
75	2376859	9713420	9.376003	9.987372	25
76	2378554	9713006	9.376313	9.987353	24
77	2380249	9712590	9.376622	9.987335	23
78	2381944	9712175	9.376931	9.987316	22
79	2383639	9711759	9.377240	9.987298	21
80	2385334	9711343	9.377549	9.987279	20
81	2387029	9710926	9.377858	9.987260	19
82	2388724	9710509	9.378166	9.987242	18
83	2390419	9710092	9.378474	9.987223	17
84	2392114	9709675	9.378782	9.987205	16
85	2393808	9709257	9.379089	9.987186	15
86	2395503	9708839	9.379397	9.987167	14
87	2397197	9708421	9.379704	9.987148	13
88	2398892	9708003	9.380010	9.987130	12
89	2400586	9707584	9.380317	9.987111	11
90	2402280	9707165	9.380624	9.987092	10
91	2403974	9706745	9.380930	9.987073	9
92	2405669	9706325	9.381236	9.987055	8
93	2407363	9705905	9.381541	9.987036	7
94	2409057	9705485	9.381847	9.987017	6
95	2410750	9705065	9.382152	9.986998	5
96	2412444	9704644	9.382457	9.986979	4
97	2414138	9704222	9.382762	9.986961	3
98	2415832	9703801	9.383067	9.986942	2
99	2417525	9703379	9.383371	9.986923	1
	2419218	9702957	9.383675	9.986904	0
		Sinus		Log. Sin.	M

13 GRAD.

M	Tangen		Log.Tan		
67	2432191	41115195	9.385997	10.614002	33
68	2434039	41083968	9.386327	10.613672	32
69	2435888	41052786	9.386657	10.613342	31
70	2437737	41021648	9.386987	10.613013	30
71	2439586	40990555	9.387316	10.612684	29
72	2441435	40959507	9.387645	10.612355	28
73	2443285	40928503	9.387974	10.612026	27
74	2445134	40897543	9.388302	10.611697	26
75	2446984	40866627	9.388631	10.611369	25
76	2448834	40835755	9.388959	10.611040	24
77	2450684	40804927	9.389287	10.610712	23
78	2452534	40774143	9.389615	10.610385	22
79	2454385	40743403	9.389942	10.610057	21
80	2456235	40712707	9.390270	10.609730	20
81	2458086	40682054	9.390597	10.609403	19
82	2459937	40651445	9.390924	10.609076	18
83	2461788	40620879	9.391250	10.608749	17
84	2463639	40590357	9.391577	10.608423	16
85	2465491	40559876	9.391903	10.608096	15
86	2467342	40529441	9.392229	10.607770	14
87	2469194	40499047	9.392555	10.607445	13
88	2471045	40468697	9.392881	10.607119	12
89	2472897	40438390	9.393206	10.606794	11
90	2474750	40408125	9.393531	10.606469	10
91	2476602	40377903	9.393856	10.606144	9
92	2478454	40347723	9.394181	10.605819	8
93	2480307	40317585	9.394505	10.605494	7
94	2482160	40287492	9.394830	10.605170	6
95	2484013	40257440	9.395154	10.604846	5
96	2485866	40227429	9.395478	10.604522	4
97	2487720	40197461	9.395801	10.604198	3
98	2489572	40167535	9.396125	10.603875	2
99	2491426	40137651	9.396448	10.603552	1
	2493280	40107809	9.396771	10.603229	0
		Tangens		Log.Tang	M

GRAD. 76

14 GRAD.

M	Sinus		Log.Sin.		
0	2419219	9702957	9.383675	9.986904	
1	2420912	9702535	9.383979	9.986885	99
2	2422606	9702112	9.384283	9.986866	98
3	2424299	9701689	9.384586	9.986847	97
4	2425992	9701266	9.384889	9.986828	96
5	2427685	9700842	9.385192	9.986809	95
6	2429378	9700418	9.385495	9.986790	94
7	2431071	9699994	9.385797	9.986771	93
8	2432764	9699570	9.386100	9.986752	92
9	2434457	9699145	9.386402	9.986733	91
10	2436150	9698720	9.386704	9.986714	90
11	2437843	9698295	9.387006	9.986695	89
12	2439535	9697869	9.387307	9.986676	88
13	2441228	9697443	9.387608	9.986657	87
14	2442920	9697017	9.387909	9.986638	86
15	2444613	9696590	9.388210	9.986619	85
16	2446305	9696164	9.388510	9.986599	84
17	2447997	9695736	9.388811	9.986581	83
18	2449690	9695309	9.389111	9.986561	82
19	2451382	9694881	9.389411	9.986542	81
20	2453074	9694453	9.389710	9.986523	80
21	2454766	9694025	9.390010	9.986504	79
22	2456458	9693596	9.390309	9.986485	78
23	2458149	9693168	9.390608	9.986466	77
24	2459841	9692738	9.390907	9.986446	76
25	2461533	9692309	9.391205	9.986427	75
26	2463224	9691879	9.391504	9.986408	74
27	2464916	9691449	9.391802	9.986389	73
28	2466607	9691019	9.392100	9.986369	72
29	2468299	9690588	9.392398	9.986350	71
30	2469990	9690157	9.392695	9.986331	70
31	2471681	9689726	9.392992	9.986311	69
32	2473372	9689294	9.393289	9.986292	68
33	2475063	9688863	9.393586	9.986273	67
		Sinus		Log.Sin.	M

GRAD. 75

M	Tangen		Log.Tan		
0	2493280	40107809	9.396771	10.603229	
1	2495134	40078009	9.397093	10.602906	99
2	2496988	40048250	9.397416	10.002583	98
3	2498842	40018533	9.397738	10 602261	97
4	2500696	39988857	9.398061	10.601939	96
5	2502551	39959223	9.398383	10.601617	95
6	2504406	39929629	9.398705	10.601295	94
7	2506261	39900078	9.399026	10.600974	93
8	2508116	39870567	9.399347	10.600652	92
9	2509971	39841097	9.399669	10.600331	91
10	2511826	39811669	9.399989	10.600010	90
11	2513682	39782281	9.400310	10.599689	89
12	2515537	39752934	9.400631	10.599369	88
13	2517393	39723627	9.400951	10.599049	87
14	2519249	39694362	9 401271	10.598729	86
15	2521105	39665136	9.401591	10.598409	85
16	2522962	39635952	9.401911	10.598089	84
17	2524818	39606807	9.402230	10.597770	83
18	2526675	39577703	9.402549	10.597450	82
19	2528532	39548639	9.402868	10.597131	81
20	2530389	39519615	9.403187	10.596813	80
21	2532246	39490631	9.403506	10.596494	79
22	2534103	39461687	9.403824	10.596175	78
23	2535961	39432783	9.404142	10.595857	77
24	2537818	39403919	9.404460	10.595539	76
25	2539676	39375094	9.404778	10.595221	75
26	2541534	39346309	9.405096	10.594904	74
27	2543392	39317563	9.405413	10.594585	73
28	2545251	39288857	9.405730	10.594269	72
29	2547109	39260190	9.406047	10.593952	71
30	2548968	39231563	9.406364	10.593635	70
31	2550827	39202974	9.406681	10.593319	59
32	2552686	39174425	9.406997	10.593002	68
33	2554545	39145915	9.407313	10.592686	67
		Tangens		Log. Tan.	M

M	Sinus		Log.Sin.		
33	2475063	9688863	9.393586	9.986273	57
34	2476754	9688430	9.393882	9.986253	66
35	2478445	9687998	9.394179	9.986234	65
36	2480136	9687565	9.394475	9.986214	64
37	2481827	9687132	9.394771	9.986195	63
38	2483518	9686699	9.395067	9.986176	62
39	2485208	9686265	9.395363	9.986156	61
40	2486899	9685831	9.395658	9.986137	60
41	2488589	9685397	9.395953	9.986117	59
42	2490280	9684963	9.396248	9.986098	58
43	2491970	9684528	9.396543	9.986078	57
44	2493660	9684093	9.396837	9.986058	56
45	2495350	9683657	9.397131	9.986039	55
46	2497040	9683222	9.397425	9.986020	54
47	2498730	9682786	9 397719	9.986000	53
48	2500420	9682350	9.398013	9.985981	52
49	2502110	9681913	9.398306	9.985961	51
50	2503800	9681476	9.398599	9.985941	50
51	2505490	9681039	9.398892	9.985922	49
52	2507179	9680602	9.399185	9.985902	48
53	2508869	9680164	9.399478	9.985883	47
54	2510558	9679726	9.399770	9.985863	46
55	2512248	9679288	9.400062	9.985843	45
56	2513937	9678849	9.400354	9.985824	44
57	2515626	9678410	9.400646	9.985804	43
58	2517315	9677971	9.400937	9.985784	42
59	2519004	9677531	9.401229	9.985764	41
60	2520693	9677092	9.401520	9.985745	40
61	2522382	9676651	9.401811	9.985725	39
62	2524071	9676211	9 402101	9.985705	38
63	2525760	9675770	9.402392	9.985685	37
64	2527449	9675329	9.402682	9.985666	36
65	2529137	9674888	9.402972	9.985646	35
66	2530826	9674447	9.403262	9.985626	34
		Sinus		Log.Sin.	M

GRAD. 75

14 GRAD.

M	Tangen		Log.Tan		
33	2554545	39145915	9.407313	10.592686	67
34	2556404	39117443	9.407629	10.592370	66
35	2558264	39089011	9.407945	10.592054	65
36	2560123	39060617	9.408261	10.591739	64
37	2561983	39032262	9.408576	10.591424	63
38	2563843	39003946	9.408891	10.591108	62
39	2565703	38975668	9.409206	10.590793	61
40	2567563	38947428	9.409521	10.590479	60
41	2569424	38919227	9.409836	10.590164	59
42	2571285	38891064	9.410150	10.589850	58
43	2573145	38862940	9.410464	10.589535	57
44	2575006	38834853	9.410778	10.589221	56
45	2576867	38806805	9.411092	10.588908	55
46	2578729	38778794	9.411405	10.588594	54
47	2580590	38750822	9.411719	10.588281	53
48	2582452	38722886	9.412032	10.587968	52
49	2584314	38694990	9.412345	10.587655	51
50	2586176	38667131	9.412658	10.587342	50
51	2588038	38639309	9.412970	10.587029	49
52	2589900	38611525	9.413283	10.586717	48
53	2591763	38583778	9.413595	10.586405	47
54	2593625	38556068	9.413907	10.586093	46
55	2595488	38528396	9.414219	10.585781	45
56	2597351	38500761	9.414530	10.585469	44
57	2599214	38473163	9.414842	10.585158	43
58	2601078	38445602	9.415153	10.584846	42
59	2602941	38418078	9.415464	10.584535	41
60	2604805	38390591	9.415775	10.584225	40
61	2606668	38363141	9.416086	10.583914	39
62	2608532	38335727	9.416396	10.583604	38
63	2610397	38308350	9.416706	10.583293	37
64	2612261	38281010	9.417016	10.582983	36
65	2614125	38253706	9.417326	10.582673	35
66	2615990	38226439	9.417636	10.582364	34
		Tangens		Log. Tan.	M

GRAD. 75.

14 G R A D.

M	Sinus		Log.Sin.		
67	2532514	9674005	9.403552	9.985606	33
68	2534203	9673563	9.403841	9.985586	32
69	2535891	9673120	9.404130	9.985566	31
70	2537579	9672677	9.404419	9.985547	30
71	2539267	9672234	9.404708	9.985527	29
72	2540955	9671791	9.404997	9.985507	28
73	2542643	9671347	9.405285	9.985487	27
74	2544331	9670903	9.405574	9.985467	26
75	2546019	9670459	9.405862	9.985447	25
76	2547707	9670015	9.406149	9.985427	24
77	2549395	9669570	9.406437	9.985407	23
78	2551082	9669125	9.406724	9.985387	22
79	2552770	9668679	9.407012	9.985367	21
80	2554457	9668234	9.407298	9.985347	20
81	2556145	9667788	9.407585	9.985327	19
82	2557832	9667341	9.407872	9.985307	18
83	2559519	9666895	9.408158	9.985287	17
84	2561206	9666448	9.408444	9.985267	16
85	2562894	9666001	9.408730	9.985247	15
86	2564581	9665553	9 409016	9.985227	14
87	2566267	9665106	9.409302	9.985206	13
88	2567954	9664558	9.409587	9.985186	12
89	2569641	9664209	9.409872	9.985166	11
90	2571328	9663761	9.410157	9.985146	10
91	2573014	9663312	9.410442	9.985126	9
92	2574701	9662862	9.410727	9.985106	8
93	2576387	9662413	9.411011	9.985085	7
94	2578074	9661963	9.411295	9.985065	6
95	2579760	9661513	9.411579	9.985045	5
96	2581446	9661063	9.411863	9.985025	4
97	2583132	9660612	9.412146	9.985004	3
98	2584818	9660161	9.412430	9.984984	2
99	2586504	9659710	9.412713	9.984964	1
	2588190	9659258	9.412996	9.984944	0
		Sinus.		Log.Sin.	M

G R A D. 15

M	Tangen		Log.Tan		
67	2517855	38199208	9.417945	10.582054	33
68	2619720	38172013	9.418254	10.581745	32
69	2621585	38144855	9.418564	10.581436	31
70	2623451	38117733	9.418873	10.581127	30
71	2625316	38090646	9.419181	10.580818	29
72	2627182	38063596	9.419490	10.580510	28
73	2629048	38036582	9.419798	10.580201	27
74	2630914	38009603	9 420106	10.579893	26
75	2632780	37982660	9.420414	10.579585	25
76	2634646	37955753	9.420722	10.579277	24
77	2636513	37928882	9.421030	10.578970	23
78	2638380	37902046	9.421337	10.578662	22
79	2640247	37875246	9.421644	10.578355	21
80	2642114	37848481	9.421951	10.578048	20
81	2643981	37821751	9.422258	10.577741	19
82	2645848	37795057	9.422565	10.577435	18
83	2647716	37768397	9.422871	10.577128	17
84	2649584	37741773	9.423177	10.576822	16
85	2651452	37715184	9.423484	10.576516	15
86	2653320	37688630	9.423789	10.576210	14
87	2655188	37662111	9.424095	10.575904	13
88	2657057	37635627	9.424401	10.575599	12
89	2658925	37609177	9.424706	10.575294	11
90	2660794	37582763	9.425011	10.574989	10
91	2662663	37556383	9.425316	10.574684	9
92	2664532	37530037	9.425621	10.574379	8
93	2666402	37503726	9.425925	10.574074	7
94	2668271	37477449	9.426230	10.573770	6
95	2670141	37451207	9.426534	10.573466	5
96	2672011	37424999	9.426838	10.573162	4
97	2673881	37398825	9.427142	10.572858	3
98	2675751	37372685	9.427445	10.572554	2
99	2677621	37346580	9.427749	10.572251	1
	2679492	37320508	9.428052	10.571947	0
		Tangens		Log.Tang	M

15 GRAD.

M	Sinus		Log. Sin.		
0	2588190	9659258	9.412996	9.984944	
1	2589876	9658806	9.413279	9.984923	99
2	2591562	9658354	9.413561	9.984903	98
3	2593247	9657902	9.413844	9.984883	97
4	2594933	9657449	9.414126	9.984862	96
5	2596618	9656996	9.414408	9.984842	95
6	2598304	9656542	9.414690	9.984821	94
7	2599989	9656089	9.414971	9.984801	93
8	2601675	9655635	9.415253	9.984781	92
9	2603360	9655181	9.415534	9.984760	91
10	2605045	9654726	9.415815	9.984740	90
11	2606730	9654271	9.416096	9.984719	89
12	2608415	9653816	9.416376	9.984699	88
13	2610100	9653361	9.416657	9.984678	87
14	2611785	9652905	9.416937	9.984658	86
15	2613469	9652449	9.417217	9.984637	85
16	2615154	9651993	9.417497	9.984617	84
17	2616838	9651536	9.417777	9.984596	83
18	2618523	9651079	9.418056	9.984576	82
19	2620207	9650622	9.418335	9.984555	81
20	2621892	9650165	9.418615	9.984535	80
21	2623576	9649707	9.418893	9.984514	79
22	2625260	9649249	9.419172	9.984493	78
23	2626944	9648791	9.419451	9.984473	77
24	2628628	9648332	9.419729	9.984452	76
25	2630312	9647873	9.420007	9.984431	75
26	2631996	9647414	9.420285	9.984411	74
27	2633680	9646954	9.420563	9.984390	73
28	2635363	9646494	9.420840	9.984369	72
29	2637047	9646034	9.421118	9.984349	71
30	2638730	9645574	9.421395	9.984328	70
31	2640414	9645113	9.421672	9.984307	69
32	2642097	9644652	9.421949	9.984286	68
33	2643780	9644191	9.422225	9.984266	67
		Sinus		Log. Sin.	M

GRAD. 74

M	Tangen		Log. Tan		
0	2679491	37320508	9.428052	10.571947	
1	2681362	37294470	9.428355	10.571644	99
2	2683233	37268466	9.428658	10.571341	98
3	2685104	37242496	9.428961	10.571039	97
4	2686976	37216560	9.429264	10.570736	96
5	2688847	37190658	9.429566	10.570434	95
6	2690719	37164789	9.429868	10.570131	94
7	2692590	37138953	9.430170	10.569829	93
8	2694462	37113151	9.430472	10.569528	92
9	2696335	37087383	9.430774	10.569226	91
10	2698207	37061647	9.431075	10.568925	90
11	2700079	37035945	9.431376	10.568623	89
12	2701952	37010277	9.431677	10.568322	88
13	2703825	36984641	9.431978	10.568021	87
14	2705698	36959039	9.432279	10.567720	86
15	2707571	36933469	9.432580	10.567420	85
16	2709444	36907933	9.432880	10.567120	84
17	2711318	36882429	9.433180	10.566819	83
18	2713192	36856958	9.433480	10.565519	82
19	2715065	36831520	9.433780	10.566219	81
20	2716940	36806114	9.434080	10.565920	80
21	2718814	36780742	9.434379	10.565620	79
22	2720688	36755401	9.434679	10.565321	78
23	2722563	36730093	9.434978	10.565022	77
24	2724438	36704818	9.435277	10.564723	76
25	2726313	36679575	9.435576	10.564424	75
26	2728188	36654364	9.435874	10.564125	74
27	2730063	36629186	9.436173	10.563827	73
28	2731939	36604040	9.436471	10.563529	72
29	2733814	36578925	9.436769	10.563231	71
30	2735690	36553843	9 437067	10.562933	70
31	2737566	36528793	9.437364	10.562635	69
32	2739442	36503775	9.437662	10.562338	68
33	2741319	36478788	9.437959	10.562040	67
		Tangens		Log. Tang	M

M	Sinus		Log.Sin.		
33	2643780	9644191	9.422225	9.984266	67
34	2645464	9643729	9.422501	9.984245	66
35	2647147	9643268	9.422778	9.984224	65
36	2648830	9642805	9.423054	9.984203	64
37	2650513	9642343	9.423330	9.984182	63
38	2652195	9641880	9.423605	9.984162	62
39	2653878	9641417	9.423881	9.984141	61
40	2655561	9640954	9.424156	9.984120	60
41	2657244	9640490	9.424431	9.984099	59
42	2658926	9540026	9.424706	9.984078	58
43	2660609	9639562	9.424981	9.984057	57
44	2662291	9639098	9.425255	9.984036	56
45	2663973	9638632	9.425530	9.984015	55
46	2665656	9638168	9.425804	9.983994	54
47	2667338	9637702	9.426978	9.983973	53
48	2669020	9637237	9.426352	9.983952	52
49	2670702	9636771	9.426625	9.983931	51
50	2672384	9636304	9.426899	9.983910	50
51	2674065	9635837	9.427172	9.983889	49
52	2675747	9635371	9.427445	9.983868	48
53	2677429	9634903	9.427718	9.983847	47
54	2679110	9634436	9.427990	9.983826	46
55	2680792	9633968	9.428263	9.983805	45
56	2682473	9633500	9.428535	9.983784	44
57	2684154	9633032	9.428807	9.983763	43
58	2685836	9632564	9.429079	9.983742	42
59	2687517	9632095	9.429351	9.983721	41
60	2689198	9631625	9.429623	9.983699	40
61	2690879	9631156	9.429894	9.983678	39
62	2692560	9630686	9.430165	9.983657	38
63	2694241	9630216	9.430436	9.983636	37
64	2695921	9629746	9.430707	9.983615	36
65	2697602	9629275	9.430978	9.983594	35
66	2699283	9628804	9.431248	9.983572	34
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
33	2741319	36478789	9.437959	10.562040	67
34	2743195	36453834	9.438257	10.561743	66
35	2745072	36428911	9.438554	10.561446	65
36	2746949	36404020	9.438850	10.561149	64
37	2748826	36379160	9.439147	10.560852	63
38	2750704	36354332	9.439444	10.560556	62
39	2752581	36329536	9.439740	10.560260	61
40	2754458	36304771	9.440036	10.559964	60
41	2756336	36280037	9.440332	10.559668	59
42	2758214	36255335	9.440628	10.559372	58
43	2760093	36230663	9.440924	10.559076	57
44	2761971	36206023	9.442219	10.558781	56
45	2763850	36181415	9.441514	10.558485	55
46	2765728	36156837	9.441809	10.558190	54
47	2767607	36132290	9.442104	10.557895	53
48	2769486	36107774	9.442399	10.557601	52
49	2771366	36083289	9.442694	10.557306	51
50	2773245	36058835	9.442988	10.557011	50
51	2775125	36034411	9.443282	10.556717	49
52	2777004	36010019	9.443576	10.556423	48
53	2778885	35985657	9.443870	10.556129	47
54	2780765	35961325	9.444164	10.555835	46
55	2782645	35937024	9.444458	10.555542	45
56	2784526	35912754	9.444751	10.555249	44
57	2786407	35888514	9.445044	10.554955	43
58	2788288	35864304	9.445337	10.554662	42
59	2790169	35840124	9.445630	10.554369	41
60	2792050	35815975	9.445923	10.554077	40
61	2793931	35791856	9.446216	10.553784	39
62	2795813	35767767	9.446508	10.553492	38
63	2797695	35743708	9.446800	10.553199	37
64	2799577	35719679	9.447092	10.552907	36
65	2801459	35695680	9.447384	10.552615	35
66	2803342	35671711	9.447675	10.552324	34
		Tangens		Log.Tan.	M

	Sinus		Log.Sin.		
67	2700963	9628333	9.431519	9.983551	33
68	2702644	9627861	9.431789	9.983530	32
69	2704324	9627389	9.432059	9.983508	31
70	2706004	9626917	9.432328	9.983487	30
71	2707684	9626445	9.432598	9.983466	29
72	2709365	9625972	9.432867	9.983444	28
73	2711045	9625499	9.433136	9.983423	27
74	2712724	9625026	9.433406	9.983402	26
75	2714404	9624552	9.433674	9.983380	25
76	2716084	9624078	9.433943	9.983359	24
77	2717764	9623604	9.434212	9.983338	23
78	2719443	9623130	9.434480	9.983316	22
79	2721123	9622655	9.434748	9.983295	21
80	2722802	9622180	9.435016	9.983273	20
81	2724482	9621704	9.435284	9.983252	19
82	2726161	9621229	9.435551	9.983230	18
83	2727840	9620753	9.435819	9.983209	17
84	2729519	9620277	9.436086	9.983187	16
85	2731198	9619800	9.436353	9.983166	15
86	2732877	9619323	9.436620	9.983144	14
87	2734556	9618846	9.436887	9.983123	13
88	2736235	9618369	9.437153	9.983101	12
89	2737913	9617891	9.437420	9.983080	11
90	2739592	9617413	9.437686	9.983058	10
91	2741271	9616935	9.437952	9.983036	9
92	2742949	9616456	9.438218	9.983015	8
93	2744627	9615977	9.438483	9.982993	7
94	2746306	9615498	9.438749	9.982972	6
95	2747984	9615018	9.439014	9.982950	5
96	2749662	9614539	9.439279	9.982928	4
97	2751340	9614059	9.439544	9.982907	3
98	2753018	9613578	9.439809	9.982885	2
99	2754696	9613098	9.440073	9.982863	1
	2756373	9612617	9.440338	9.982841	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
67	2805224	35647772	9.447967	10.552032	33
68	2807107	35623863	9.448259	10.551741	32
69	2808990	35599983	9.448550	10.551450	31
70	2810873	35576133	9.448841	10.551159	30
71	2812756	35552312	9.449132	10.550868	29
72	2814640	35528521	9.449423	10.550577	28
73	2816523	35504760	9.449713	10.550286	27
74	2818407	35481028	9.450004	10.549996	26
75	2820291	35457325	9.450294	10.549706	25
76	2822176	35433652	9.450584	10.549416	24
77	2824060	35410008	9.450874	10.549126	23
78	2825945	35386393	9.451164	10.548836	22
79	2827830	35362807	9.451453	10.548547	21
80	2829715	35339251	9 451742	10.548257	20
81	2831600	35315723	9.452032	10.547968	19
82	2833485	35292224	9 452321	10.547679	18
83	2835371	35268755	9.452610	10.547390	17
84	2837256	35245314	9.452898	10.547101	16
85	2839142	35221902	9.453187	10.546813	15
86	2841028	35198519	9.453475	10.546524	14
87	2842915	35175164	9 453764	10.546236	13
88	2844801	35151838	9.454052	10.545948	12
89	2846688	35128541	9.454340	10.545660	11
90	2848575	35105273	9.454627	10.545372	10
91	2850462	35082032	9.454915	10.545085	9
92	2852349	35058821	9.455202	10.544797	8
93	2854236	35035637	9.455490	10.544510	7
94	2856124	35012482	9.455777	10 544223	6
95	2858012	34989356	9.456064	10.543936	5
96	2859900	34966257	9.456351	10.543649	4
97	2861788	34943187	9.456637	10.543362	3
98	2863676	34920144	9.456924	10.543076	2
99	2865565	34897130	9.457210	10.542790	1
	2867453	34874144	9.457496	10.542503	0
		Tangens		Log.Tang	M

16 GRAD.

M	Sinus		Log.Sin.		
0	2756373	9612616	9.440338	9.982841	
1	2758051	9612136	9.440602	9.982820	99
2	2759729	9611654	9.440866	9.982798	98
3	2761406	9611172	9.441130	9.982776	97
4	2763084	9610690	9.441394	9.982754	96
5	2764761	9610208	9.441657	9.982733	95
6	2766438	9609725	9.441921	9.982711	94
7	2768115	9609242	9.442184	9.982689	93
8	2769792	9608759	9.442447	9.982667	92
9	2771470	9608275	9.442710	9.982645	91
10	2773146	9607791	9.442973	9.982623	90
11	2774823	9607307	9.443235	9.982601	89
12	2776500	9606823	9.443497	9.982580	88
13	2778177	9606338	9.443760	9.982558	87
14	2779853	9605853	9.444022	9.982536	86
15	2781530	9605368	9.444284	9.982514	85
16	2783206	9604882	9.444545	9.982492	84
17	2784882	9604396	9.444807	9.982470	83
18	2786559	9603910	9.445068	9.982448	82
19	2788235	9603423	9.445329	9.982426	81
20	2789911	9602937	9.445590	9.982404	80
21	2791587	9602450	9.445851	9.982382	79
22	2793263	9601962	9.446112	9.982360	78
23	2794939	9601474	9.446372	9.982338	77
24	2796614	9600987	9.446632	9.982316	76
25	2798290	9600498	9.446893	9.982294	75
26	2799966	9600010	9.447153	9.982271	74
27	2801641	9599521	9.447412	9.982249	73
28	2803316	9599032	9.447672	9.982227	72
29	2804992	9598542	9.447931	9.982205	71
30	2806667	9598052	9.448191	9.982183	70
31	2808342	9597563	9.448450	9.982161	69
32	2810017	9597072	9.448709	9.982139	68
33	2811692	9596582	9.448968	9.982116	67
		Sinus		Log.Sin.	M

GRAD. 73

16 GRAD.

M	Tangen		Log. Tan		
0	2867454	34874144	9.457496	10.542503	
1	2869343	34851186	9.457782	10.542217	99
2	2871232	34828256	9.458068	10.541931	98
3	2873121	34805353	9,458354	10.541646	97
4	2875011	34782479	9.458639	10.541360	96
5	2876900	34759632	9.458925	10.541075	95
6	2878790	34736813	9 459210	10.540790	94
7	2880680	34714021	9.459495	10 540505	93
8	2882570	34691258	9.459780	10.540220	92
9	2884461	34668521	9.460064	10.539935	91
10	2886351	34645813	9.460349	10.539651	90
11	2888242	34623131	9.460633	10.539366	89
12	2890133	34600477	9.460918	10.539082	88
13	2892025	34577851	9.461202	10.538798	87
14	2893916	34555251	9.461486	10.538514	86
15	2895808	34532679	9.461770	10.538230	85
16	2897699	34510134	9.462053	10.537946	84
17	2899591	34487616	9 462337	10 537663	83
18	2901483	34465126	9.462620	10.537380	82
19	2903376	34442662	9.462903	10.537097	81
20	2905268	34420226	9.463186	10.536814	80
21	2907161	34397816	9.463469	10.536531	79
22	2909054	34375433	9.463752	10.536248	78
23	2910947	34353077	9.464034	10.535965	77
24	2912840	34330748	9.464317	10.535683	76
25	2914734	34308446	9.464599	10.535401	75
26	2916628	34286170	9.464881	10.535119	74
27	2918522	34263920	9.465163	10.534837	73
28	2920416	34241698	9.465445	10.534555	72
29	2922310	34219502	9.465726	10.534273	71
30	2924204	34197333	9.466008	10.533992	70
31	2926099	34175190	9.466289	10.533711	69
32	2927994	34153073	9.466570	10.533430	68
33	2929889	34130983	9.466851	10.533149	67
		Tangens		Log. Tang	M

GRAD. 73

16 GRAD.

M	Sinus		*Log. Sin.*		
33	2811692	9596582	9.448968	9.982116	67
34	2813367	9596091	9.449226	9.982094	66
35	2815042	9595600	9.449485	9.982072	65
36	2816716	9595108	9.449743	9.982050	64
37	2818391	9594617	9.450001	9.982027	63
38	2820066	9594125	9.450259	9.982005	62
39	2821740	9593632	9.450518	9.981983	61
40	2823414	9593140	9.450774	9.981961	60
41	2825089	9592647	9.451032	9.981938	59
42	2826763	9592153	9.451289	9.981916	58
43	2828437	9591660	9.451546	9.981894	57
44	2830111	9591166	9.451803	9.981871	56
45	2831785	9590672	9.452060	9.981849	55
46	2833459	9590178	9.452317	9.981826	54
47	2835132	9589683	9.452573	9.981804	53
48	2836806	9589188	9.452829	9.981782	52
49	2838480	9588692	9.453086	9.981759	51
50	2840153	9588197	9.453342	9.981737	50
51	2841827	9587701	9.453597	9.981714	49
52	2843500	9587205	9.453853	9.981692	48
53	2845173	9586709	9.454109	9.981669	47
54	2846846	9586212	9.454364	9.981647	46
55	2848519	9585715	9.454619	9.981624	45
56	2850192	9585218	9.454874	9.981602	44
57	2851865	9584720	9.455129	9.981579	43
58	2853538	9584222	9.455384	9.981557	42
59	2855211	9583724	9.455638	9.981534	41
60	2856883	9583226	9.455892	9.981512	40
61	2858556	9582727	9.456147	9.981489	39
62	2860228	9582228	9.456401	9.981466	38
63	2861901	9581728	9.456654	9.981444	37
64	2863573	9581229	9.456908	9.981421	36
65	2865245	9580729	9.457162	9.981398	35
66	2866917	9580229	9.457415	9.981376	34
		Sinus		*Log. Sin.*	M

GRAD. 73

16 GRAD.

M	Tangen		Log.Tan		
33	2929889	34130983	9.466851	10.533149	67
34	2931784	34108919	9.467132	10.532868	66
35	2933680	34086881	9.467413	10.532587	65
36	2935575	34064870	9.467693	10.532307	64
37	2937471	34042885	9.467973	10.532026	63
38	2939367	34020925	9.468254	10.531746	62
39	2941263	33998992	9.468534	10.531466	61
40	2943160	33977085	9.468814	10.531186	60
41	2945056	33955204	9.469093	10.530906	59
42	2946953	33933349	9.469373	10.530627	58
43	2948850	33911519	9.469653	10.530347	57
44	2950747	33889716	9.469932	10.530068	56
45	2952645	33867938	9.470211	10.529789	55
46	2954542	33846186	9.470490	10.529510	54
47	2956440	33824459	9.470769	10.529231	53
48	2958338	33802759	9.471048	10.528952	52
49	2960236	33781084	9.471326	10.528673	51
50	2962135	33759434	9.471605	10.528395	50
51	2964033	33737810	9.471883	10.528117	49
52	2965932	33716211	9.472161	10.527839	48
53	2967831	33694638	9.472439	10.527561	47
54	2969730	33673090	9.472717	10.527283	46
55	2971630	33651568	9.472994	10.527005	45
56	2973529	33630070	9.473272	10.526728	44
57	2975429	33608598	9.473549	10.526450	43
58	2977329	33587151	9.473827	10.526173	42
59	2979229	33565730	9.474104	10.525896	41
60	2981129	33544333	9.474381	10.525619	40
61	2983030	33522961	9.474657	10.525342	39
62	2984931	33501615	9.474934	10.525066	38
63	2986831	33480293	9.475211	10.524789	37
64	2988733	33458996	9.475487	10.524513	36
65	2990634	33437724	9.475763	10.524237	35
66	2992535	33416477	9.476039	10.523960	34
		Tangens		Log. Tan.	M

GRAD. 73

	Sinus		Log. Sin.		
67	2868589	9579728	9.457668	9.981353	33
68	2870261	9579227	9.457921	9.981330	32
69	2871933	9578726	9.458174	9.981308	31
70	2873605	9578225	9.458427	9.981285	30
71	2875277	9577723	9.458679	9.981262	29
72	2876948	9577221	9.458932	9.981239	28
73	2878620	9576719	9.459184	9.981217	27
74	2880291	9576216	9.459436	9.981194	26
75	2881962	9575713	9.459688	9.981171	25
76	2883634	9575210	9.459940	9.981148	24
77	2885305	9574707	9.460192	9.981125	23
78	2886976	9574203	9.460443	9.981102	22
79	2888647	9573699	9.460694	9.981080	21
80	2890318	9573195	9.460945	9.981057	20
81	2891989	9572690	9.461196	9.981034	19
82	2893659	9572185	9.461447	9.981011	18
83	2895330	9571650	9.461698	9.980988	17
84	2897000	9571175	9.461948	9.980965	16
85	2898671	9570669	9.462199	9.980942	15
86	2900341	9570163	9.462449	9.980919	14
87	2902011	9569656	9.462699	9.980896	13
88	2903682	9569150	9.462949	9.980873	12
89	2905352	9568643	9.463199	9.980850	11
90	2907022	9568136	9.463448	9.980827	10
91	2908692	9567628	9.463698	9.980804	9
92	2910361	9567120	9.463947	9.980781	8
93	2912031	9566612	9.464196	9.980758	7
94	2913701	9566104	9.464445	9.980735	6
95	2915370	9565595	9.464694	9.980712	5
96	2917040	9565086	9.464942	9.980689	4
97	2918709	9564577	9.465191	9.980666	3
98	2920379	9564067	9.465439	9.980642	2
99	2922048	9563557	9.465687	9.980619	1
	2923717	9563047	9.465935	9.980596	0
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
67	2994437	33395255	9.476315	10.523685	33
68	2996339	33374057	9.476591	10.523409	32
69	2998241	33352884	9.476866	10.523133	31
70	3000144	33331736	9.477142	10.522858	30
71	3002046	33310612	9.477417	10.522582	29
72	3003949	33289513	9.477692	10.522307	28
73	3005852	33268438	9.477967	10.522032	27
74	3007755	33247388	9.478242	10.521757	26
75	3009658	33226362	9.478517	10.521483	25
76	3011562	33205361	9.478792	10.521208	24
77	3013465	33184384	9.479066	10.520934	23
78	3015369	33163431	9.479 40	10.520659	22
79	3017273	33142502	9.479615	10.520385	21
80	3019178	33121598	9.479889	10.520111	20
81	3021082	33100718	9.480162	10.519837	19
82	3022987	33079861	9.480436	10.519563	18
83	3024892	33059029	9.480710	10.519290	17
84	3026797	33038221	9.480983	10.519016	16
85	3028702	33017437	9.481256	10.518743	15
86	3030608	32996677	9.481530	10.518470	14
87	3032514	32975941	9.481803	10.518197	13
88	3034420	32955229	9.482075	10.517924	12
89	3036326	32934540	9.482348	10.517651	11
90	3038232	32913875	9.482621	10.517370	10
91	3040139	32893234	9.482893	10.517106	9
92	3042045	32872617	9.483166	10.516834	8
93	3043952	32852023	9.483438	10.516562	7
94	3045859	32831453	9.483710	10.516290	6
95	3047767	32810907	9.483982	10.516018	5
96	3049674	32790384	9.484253	10.515746	4
97	051 582	32769884	9.484525	10.515475	3
98	053 490	32749408	9.484796	10.515203	2
99	055 398	32728955	9.485068	10.514932	1
	3057307	32708526	9.485339	10.514661	0
		Tangens		Log.Tang	M

17 GRAD.

M	Sinus		Log. Sin.		
0	2923717	9563047	9.465935	9.980596	
1	2925386	9562537	9.466183	9.980573	99
2	2927055	9562026	9.466431	9.980550	98
3	2928724	9561515	9.466678	9.980527	97
4	2930392	9561004	9.466926	9.980503	96
5	2932061	9560492	9.467173	9.980480	95
6	2933730	9559980	9.467420	9.980457	94
7	2935398	9559468	9.467667	9.980434	93
8	2937067	9558956	9.467914	9.980410	92
9	2938735	9558443	9.468160	9 980387	91
10	2940403	9557930	9.468407	9.980364	90
11	2942071	9557417	9.468653	9.980340	89
12	2943739	9556903	9.468899	9.980317	88
13	2945407	9556389	9.469145	9.980294	87
14	2947075	9555875	9.469391	9.980270	86
15	2948743	9555360	9.469637	9.980247	85
16	2950410	9554846	9.469882	9.980223	84
17	2952078	9554330	9.470128	9.980200	83
18	2953746	9553815	9.470373	9.980177	82
19	2955413	9553299	9.470618	9.980153	81
20	2957080	9552783	9.470863	9.980130	80
21	2958748	9552267	9.471108	9.980106	79
22	2960415	9551751	9.471352	9.980083	78
23	2962082	9551234	9.471597	9.980059	77
24	2963749	9550717	9.471841	9.980036	76
25	2965416	9550199	9.472085	9.980012	75
26	2967082	9549682	9.472329	9.979989	74
27	2968749	9549164	9.472573	9.979965	73
28	2970416	9548645	9.472817	9.979942	72
29	2972082	9548127	9.473061	9.979918	71
30	2973749	9547608	9.473304	9.979894	70
31	2975415	9547089	9.473547	9.979871	69
32	2977081	9546569	9.473790	9.979847	68
33	2978747	9546049	9.474033	9.979823	67
		Sinus		Log. Sin	M

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17 GRAD.

M	Tangen		Log.Tan		
0	3057307	32708526	9.485339	10.514661	
1	3059215	32688120	9.485610	10.514390	99
2	3061124	32667737	9.485881	10.514119	98
3	3063033	32647378	9.486151	10.513848	97
4	3064942	32627041	9.486422	10.513577	96
5	3066852	32606728	9.486692	10.513307	95
6	3068761	32586438	9.486963	10.513037	94
7	3070671	32566171	9.487233	10.512767	93
8	3072581	32545927	9.487503	10.512496	92
9	3074491	32525706	9.487773	10.512227	91
10	3076401	32505508	9.488043	10.511957	90
11	3078312	32485333	9.488312	10.511687	89
12	3080223	32465180	9.488582	10.511418	88
13	3082134	32445051	9.488851	10.511148	87
14	3084045	32424944	9.489121	10.510879	86
15	3085957	32404860	9.489390	10.510610	85
16	3087868	32384799	9.489659	10.510341	84
17	3089780	32364760	9.489927	10.510072	83
18	3091692	32344744	9.490196	10.509804	82
19	3093604	32324751	9.490465	10.509535	81
20	3095517	32304780	9.490733	10.509267	80
21	3097430	32284832	9.491001	10.508998	79
22	3099342	32264906	9.491269	10.508730	78
23	3101256	32245003	9.491537	10.508462	77
24	3103169	32225122	9.491805	10.508194	76
25	3105082	32205263	9.492073	10.507927	75
26	3106996	32185427	9.492341	10.507659	74
27	3108910	32165612	9.492608	10.507392	73
28	3110824	32145821	9.492875	10.507124	72
29	3112738	32126051	9 493142	10.506857	71
30	3114653	32106303	9.493409	10.506590	70
31	3116568	32086578	9.493676	10.506323	59
32	3118483	32066875	9.493943	10.506056	68
33	3120398	32047193	9.494210	10.505790	67
		Tangens		Log. Tan.	M

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M	Sinus		Log.Sin.		
33	2978747	9546049	9.474033	9.979823	57
34	2980413	9545529	9.474276	9.979800	66
35	2982079	9545009	9.474519	9.979776	65
36	2983745	9544488	9.474761	9.979752	64
37	2985411	9543968	9.475004	9.979729	63
38	2987077	9543446	9.475246	9.979705	62
39	2988742	9542925	9.475488	9.979681	61
40	2990408	9542403	9.475730	9.979658	60
41	2992073	9541881	9.475972	9.979634	59
42	2993738	9541359	9.476214	9.979610	58
43	2995404	9540836	9.476455	9.979586	57
44	2997069	9540313	9.476697	9.979562	56
45	2998734	9539790	9.476938	9.979539	55
46	3000399	9539265	9.477179	9.979515	54
47	3002064	9538742	9.477420	9.979491	53
48	3003729	9538218	9.477661	9.979467	52
49	3005393	9537694	9.477901	9.979443	51
50	3007058	9537169	9.478142	9.979419	5
51	3008722	9536644	9.478382	9.979395	4
52	3010387	9536119	9.478622	9.979371	4
53	3012051	9535594	9.478862	9.979348	4
54	3013715	9535068	9.479102	9.979324	4
55	3015379	9534542	9.479342	9.979300	4
56	3017043	9534015	9.479581	9.979276	4
57	3018707	9533488	9.479821	9.979252	4
58	3020371	9532961	9.480060	9.979228	
59	3022035	9532434	9.480299	9.979204	
60	3023699	9531906	9.480538	9.979180	
61	3025362	9531379	9.480777	9.979156	
62	3027026	9530850	9.481016	9.979131	
63	3028689	9530322	9.481255	9.979107	
64	3030352	9529793	9.481493	9.979083	
65	3032016	9529264	9.481731	9.979059	
66	3033679	9528735	9.481969	9.979035	
		Sinus		Log.Sin.	

M	Tangen		Log.Tan		
33	3120398	32047193	9.494210	10.505790	67
34	3122313	32027534	9.494476	10.505524	66
35	3124229	32007897	9.494743	10.505257	65
36	3126145	3198828	9.495009	10.504991	64
37	3128061	31968688	9.495275	10.504725	63
38	3129977	31949116	9.495541	10.504459	62
39	3131893	31929567	9.495807	10.504193	61
40	3133810	31910039	9.496072	10.503927	60
41	3135727	31890532	9.496338	10.503662	59
42	3137644	31871048	9.496603	10.503396	58
43	3139561	31851585	9.496869	10.503131	57
44	3141478	31832144	9.497134	10.502866	56
45	3143396	31812724	9.497399	10.502601	55
46	3145314	31793326	9.497664	10.502336	54
47	3147232	31773949	9.497929	10.502071	53
48	3149150	31754594	9.498193	10.501806	52
49	3151069	31735260	9.498458	10.501542	51
50	3152988	31715948	9.498722	10.501277	50
51	3154907	31696657	9.498986	10.501013	49
52	3156826	31677387	9.499250	10.500749	48
53	3158745	31658139	9.499514	10.500485	47
54	3160665	3163891	9.499778	10.500221	46
55	3162585	31619706	9.500042	10.499958	45
56	3164505	3160052	9.500306	10.499694	44
57	3166425	31581358	9.500569	10.499431	43
58	3168345	31562216	9.500832	10.499167	42
59	3170265	31543094	9.501096	10.498904	41
60	3172187	31523994	9.501359	10.498641	40
61	3174108	31504915	9.501621	10.498378	39
62	3176029	31485856	9.501884	10.498115	38
63	3177950	31466819	9.502147	10.497853	37
64	3179872	3144780	9.502409	10.497591	36
65	3181794	31428807	9.502672	10.497328	35
66	3183716	31409832	9.502934	10.497065	34
		Tangens		Log. Tan.	M

17 GRAD.

M	Sinus		Log.Sin.		
67	3035342	9528205	9.482207	9.979011	33
68	3037005	9527675	9.482445	9.978987	32
69	3038668	9527145	9.482683	9.978963	31
70	3040330	9526615	9.482921	9.978938	30
71	3041993	9526084	9.483158	9.978914	29
72	3043656	9525553	9.483395	9.978890	28
73	3045318	9525021	9.483632	9.978866	27
74	3046980	9524490	9.483870	9.978842	26
75	3048643	9523958	9.484106	9.978817	25
76	3050305	9523426	9.484343	9.978793	24
77	3051967	9522893	9.484580	9.978769	23
78	3053629	9522360	9.484816	9.978744	22
79	3055291	9521827	9.485052	9.978720	21
80	3056953	9521294	9.485289	9.978696	20
81	3058615	9520760	9.485525	9.978671	19
82	3060276	9520226	9.485760	9.978647	18
83	3061938	9519692	9.485996	9.978623	17
84	3063599	9519157	9.486232	9.978598	16
85	3065261	9518622	9.486467	9.978574	15
86	3066922	9518087	9.486703	9.978549	14
87	3068583	9517552	9.486938	9.978525	13
88	3070244	9517016	9.487173	9.978501	12
89	3071905	9516480	9.487408	9.978476	11
90	3073566	9515944	9.487642	9.978452	10
91	3075227	9515407	9.487877	9.978427	9
92	3076887	9514870	9.488111	9.978403	8
93	3078548	9514333	9.488346	9.978378	7
94	3080209	9513796	9.488580	9.978354	6
95	3081869	9513258	9.488814	9.978329	5
96	3083529	9512720	9.489048	9.978305	4
97	3085190	9512182	9.489282	9.978280	3
98	3086850	9511643	9.489515	9.978255	2
99	3088510	9511104	9.489749	9.978231	1
	3090170	9510565	9.489982	9.978206	0
		Sinus		Log.Sin.	M

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17 GRAD.

M	Tangen		Log.Tan		
67	3185639	31390878	9.503196	10.496803	33
68	3187561	31371945	9.503458	10.496541	32
69	3189484	31353033	9.503720	10.496279	31
70	3191407	31334141	9.503982	10.496018	30
71	3193330	31315270	9.504244	10.495756	29
72	3195253	31296419	9.504505	10.495494	28
73	3197177	31277589	9.504767	10.495233	27
74	3199101	31258780	9.505028	10.494972	26
75	3201025	31239991	9.505289	10.494711	25
76	3202949	31221223	9.505550	10.494450	24
77	3204874	31202475	9.505811	10.494189	23
78	3206799	31183747	9.506071	10.493928	22
79	3208723	31164040	9.506332	10.493667	21
80	3210649	31145353	9.506593	10.493407	20
81	3212574	31127686	9.506853	10.493147	19
82	3214499	31109040	9.507113	10.492886	18
83	3216425	31090414	9.507373	10.492625	17
84	3218351	31071808	9.507633	10.492366	16
85	3220277	31053223	9.507893	10.492106	15
86	3222204	31034657	9.508153	10.491847	14
87	3224131	31016112	9.508412	10.491587	13
88	3226057	30997586	9.508672	10.491328	12
89	3227984	30979081	9.508931	10.491068	11
90	3229912	30960596	9.509190	10.490809	10
91	3231839	30942130	9.509450	10.490550	9
92	3233767	30923685	9.509709	10.490291	8
93	3235695	30905259	9.509967	10.490032	7
94	3237623	30886854	9.510226	10.489773	6
95	3239552	30868468	9.510485	10.489515	5
96	3241480	30850102	9.510743	10.489256	4
97	3243409	30831756	9.511002	10.488998	3
98	3245338	30813429	9.511260	10.488740	2
99	3247267	30795122	9.511518	10.488482	1
	3249197	30776835	9.511776	10.488224	0
		Tangens		Log.Tang	M

GRAD. 72

M	Sinus		Log. Sin.		
0	3090170	9510565	9.489982	9.978206	
1	3091830	9510025	9.490215	9.978181	99
2	3093489	9509486	9.490448	9.978157	98
3	3095149	9508946	9.490681	9.978132	97
4	3096809	9508405	9.490914	9.978107	96
5	3098468	9507865	9.491147	9.978083	95
6	3100127	9507324	9.491379	9.978058	94
7	3101787	9506783	9.491612	9.978033	93
8	3103446	9506241	9.491844	9.978009	92
9	3105105	9505699	9.492076	9.977984	91
10	3106764	9505157	9.492308	9.977959	90
11	3108423	9504615	9.492540	9.977934	89
12	3110082	9504072	9.492772	9.977910	88
13	3111741	9503529	9.493003	9.977885	87
14	3113399	9502986	9.493235	9.977860	86
15	3115058	9502442	9.493466	9.977835	85
16	3116716	9501899	9.493697	9.977810	84
17	3118375	9501354	9.493928	9.977785	83
18	3120033	9500810	9.494159	9.977760	82
19	3121691	9500265	9.494390	9.977736	81
20	3123349	9499720	9.494620	9.977711	80
21	3125007	9499175	9.494851	9.977686	79
22	3126665	9498629	9.495081	9.977661	78
23	3128323	9498084	9.495311	9.977636	77
24	3129980	9497537	9.495541	9.977611	76
25	3131638	9496991	9.495771	9.977586	75
26	3133295	9496444	9.496001	9.977561	74
27	3134953	9495897	9.496231	9.977536	73
28	3136610	9495350	9.496460	9.977511	72
29	3138267	9494802	9.496690	9.977486	71
30	3139924	9494255	9.496919	9.977461	70
31	3141581	9493706	9.497148	9.977436	69
32	3143238	9493158	9.497377	9.977411	68
33	3144895	9492609	9.497606	9.977385	67
		Sinus		Log.Sin.	M

M	Tangen		Log. Tan		
0	3249196	30776835	9.511776	10.488224	
1	3251126	30758568	9.512034	10.487966	99
2	3253056	30740320	9.512291	10.487708	98
3	3254987	30722091	9.512549	10.487451	97
4	3256917	30703883	9.512807	10.487193	96
5	3258847	30685693	9.513064	10.486936	95
6	3260778	30667523	9.513321	10.486679	94
7	3262709	30649373	9.513578	10.486421	93
8	3264640	30631242	9.513835	10.486164	92
9	3266572	30613131	9.514092	10.485908	91
10	3268504	30595038	9.514349	10.485651	90
11	3270436	30576965	9.514605	10.485394	89
12	3272368	30558912	9.514862	10.485138	88
13	3274300	30540877	9.515118	10.484881	87
14	3276233	30522862	9.515375	10.484625	86
15	3278165	30504866	9.515631	10.484369	85
16	3280098	30486889	9.515887	10.484113	84
17	3282032	30468931	9.516143	10.483857	83
18	3283965	30450993	9.516398	10.483601	82
19	3285899	30433073	9.516654	10.483346	81
20	3287833	30415173	9.516910	10.483090	80
21	3289767	30397291	9.517165	10.482835	79
22	3291701	30379428	9.517420	10.482579	78
23	3293636	30361585	9.517675	10.482324	77
24	3295570	30343760	9.517930	10.482069	76
25	3297505	30325954	9.518185	10.481814	75
26	3299440	30308167	9.518440	10.481559	74
27	3301376	30290399	9.518695	10.481305	73
28	3303312	30272649	9.518949	10.481050	72
29	3305247	30254918	9.519204	10.480796	71
30	3307184	30237206	9.519458	10.480541	70
31	3309120	30219513	9.519712	10.480287	69
32	3311056	30201838	9.519966	10.480033	68
33	3312993	30184182	9.520220	10.479779	67
		Tangens		Log. Tang	M

M	Sinus		Log.Sin.		
33	3144895	9492609	9.497606	9.977385	57
34	3146552	9492060	9.497834	9.977360	56
35	3148208	9491511	9.498063	9.977335	65
36	3149865	9490961	9.498292	9.977310	64
37	3151521	9490411	9 498520	9.977285	63
38	3153178	9489861	9.498748	9.977260	62
39	3154834	9489311	9.498976	9.977234	61
40	3156490	9488760	9.499204	9.977209	60
41	3158146	9488209	9.499432	9.977184	59
42	3159802	9487658	9.499660	9.977159	58
43	3161458	9487106	9.499887	9.977134	57
44	3163114	9486554	9.500114	9.977108	56
45	3164769	9486002	9.500342	9.977083	55
46	3166425	9485449	9.500569	9.977058	54
47	3168081	9484896	9.500796	9.977032	53
48	3169736	9484343	9.501023	9.977007	52
49	3171391	9483790	9.501250	9.976982	51
50	3173046	9483236	9.501476	9.976956	50
51	3174701	9482682	9.501702	9.976931	49
52	3176356	9482128	9 501929	9.976906	48
53	3178011	9481574	9.502155	9.976880	47
54	3179666	9481019	9.502381	9.976855	46
55	3181321	9480464	9.502607	9.976829	45
56	3182975	9479908	9.502833	9.976804	44
57	3184630	9479353	9.503059	9.986778	43
58	3186284	9478797	9.503284	9.976753	42
59	3187939	9478240	9.503510	9.976728	41
60	3189593	9477684	9.503735	9.976702	40
61	3191247	9477127	9.503960	9.976677	39
62	3192901	9476570	9.504185	9.976651	38
63	3194555	9476012	9.504410	9.976625	37
64	3196208	9475455	9.504635	9.976600	36
65	3197863	9474897	9.504860	9.976574	35
66	3199516	9474339	9.505084	9.976549	34
		Sinus		Log.Sin.	M

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18 GRAD.

M	Tangen		Log.Tan		
33	3312993	30184182	9.520220	10.479779	67
34	3314930	30166545	9.520474	10.479525	66
35	3316868	30148926	9.520728	10.479272	65
36	3318805	30131326	9.520982	10.479018	64
37	3320743	30113744	9.521235	10.478765	63
38	3322681	30096180	9.521488	10.478511	62
39	3324619	30078635	9.521742	10.478258	61
40	3326557	30061109	9.521995	10.478005	60
41	3328496	30043601	9.522248	10.477752	59
42	3330434	30026111	9.522501	10.477499	58
43	3332373	30008639	9.522753	10.477246	57
44	3334313	29991186	9.523006	10.476993	56
45	3336252	29973751	9.523259	10.476741	55
46	3338192	29956335	9.523511	10.476488	54
47	3340132	29938936	9.523763	10.476236	53
48	3342072	29921556	9.524016	10.475984	52
49	3344012	29904194	9.524268	10.475732	51
50	3345953	29886849	9.524520	10.475480	50
51	3347894	29869523	9.524772	10.475228	49
52	3349835	29852216	9.525023	10.474976	48
53	3351775	29834926	9.525275	10.474725	47
54	3353718	29817654	9.525526	10.474473	46
55	3355659	29800400	9.525778	10.474222	45
56	3357601	29783164	9.526029	10.473971	44
57	3359544	29765946	9.526280	10.473719	43
58	3361486	29748745	9.526531	10.473468	42
59	3363429	29731563	9.526782	10.473218	41
60	3365372	29714399	9.527033	10.472967	40
61	3367315	29697252	9.527284	10.472716	39
62	3369258	29680123	9.527534	10.472465	38
63	3371202	29663012	9.527784	10.472215	37
64	3373145	29645918	9.528035	10.471965	36
65	3375089	29628842	9.528285	10.471714	35
66	3377034	29611784	9.528535	10.471464	34
		Tangens		Log. Tan.	M.

GRAD. 71.

M	Sinus		Log.Sin.		
67	3201170	9473780	9.505309	9.976523	33
68	3202823	9473221	9.505533	9.976497	32
69	3204476	9472662	9.505757	9.976472	31
70	3206130	9472103	9.505981	9.976446	30
71	3207783	9471543	9.506205	9.976421	29
72	3209436	9470983	9.506429	9.976395	28
73	3211089	9470423	9.506652	9.976369	27
74	3212742	9469862	9.506876	9.976343	26
75	3214394	9469301	9.507099	9.976318	25
76	3216047	9468740	9.507322	9.976292	24
77	3217700	9468178	9.507545	9.976266	23
78	3219352	9467617	9.507768	9.976240	22
79	3221004	9467055	9.507991	9.976215	21
80	3222657	9466492	9.508214	9.976189	20
81	3224309	9465930	9.508436	9.976163	19
82	3225961	9465367	9.508659	9.976137	18
83	3227613	9464804	9.508881	9.976111	17
84	3229265	9464240	9.509103	9.976086	16
85	3230917	9463676	9.509326	9.976060	15
86	3232568	9463112	9.509548	9.976034	14
87	3234220	9462548	9.509769	9.976008	13
88	3235871	9461983	9.509991	9.975982	12
89	3237523	9461419	9.510213	9.975955	11
90	3239174	9460853	9.510434	9.975930	10
91	3240825	9460288	9.510655	9.975904	9
92	3242476	9459722	9.510877	9.975878	8
93	3244127	9459156	9.511098	9.975852	7
94	3245778	9458590	9.511319	9.975826	6
95	3247429	9458023	9.511539	9.975800	5
96	3249080	9457456	9.511760	9.975774	4
97	3250730	9456889	9.511981	9.975748	3
98	3252381	9456321	9.512201	9.975722	2
99	3254031	9455754	9.512422	9.975696	1
	3255681	9455186	9.512642	9.975670	0
		Sinus		Log.Sin.	M

18 GRAD.

M	Tangen		Log.Tan		
67	3378978	29594743	9.528785	10.471214	33
68	3380923	29577720	9.529035	10.470965	32
69	3382858	29560715	9.529285	10.470715	31
70	3384813	29543727	9.529534	10.470465	30
71	3386758	29526757	9.529784	10.470216	29
72	3388704	29509804	9.530033	10.469966	28
73	3390650	29492868	9.530283	10.469717	27
74	3392596	29475950	9.530532	10.469468	26
75	3394542	29459050	9.530781	10.469219	25
76	3396489	29442167	9.531030	10.468970	24
77	3398436	29425301	9.531279	10.468721	23
78	3400382	29408452	9.531528	10.468472	22
79	3402330	29391621	9.531776	10.468223	21
80	3404277	29374807	9.532025	10.467975	20
81	3406225	29358010	9.532273	10.467726	19
82	3408173	29341230	9.532521	10.467478	18
83	3410121	29324468	9.532770	10.467230	17
84	3412070	29307723	9.533018	10.466982	16
85	3414018	29290995	9.533266	10.466734	15
86	3415967	29274284	9.533514	10.466486	14
87	3417916	29257590	9.533761	10.466238	13
88	3419866	29240913	9.534009	10.465991	12
89	3421815	29224253	9.534256	10.465743	11
90	3423765	29207610	9.534504	10.465496	10
91	3425715	29190984	9.534751	10.465249	9
92	3427665	29174375	9.534998	10.465001	8
93	3429616	29157783	9.535245	10.464754	7
94	3431567	29141207	9.535492	10.464507	6
95	3433518	29124649	9.535739	10.464261	5
96	3435469	29108107	9.535986	10.464014	4
97	3437420	29091582	9.536232	10.463767	3
98	3439372	29075074	9.536479	10.463521	2
99	3441324	29058583	9.536725	10.463274	1
	3443276	29042109	9.536971	10.463028	0
		Tangens		Log.Tang	M

GRAD. 71

19 GRAD.

M	Sinus		Log.Sin.		
0	3255681	9455186	9.512642	9.975670	
1	3257332	9454617	9.512862	9.975644	99
2	3258982	9454049	9.513082	9.975618	98
3	3260632	9453480	9.513302	9.975592	97
4	3262282	9452910	9.513521	9.975565	96
5	3263931	9452341	9.513741	9.975539	95
6	3265581	9451771	9.513960	9.975513	94
7	3267231	9451201	9.514180	9.975487	93
8	3268880	9450631	9.514399	9.975461	92
9	3270529	9450060	9.514618	9.975434	91
10	3272179	9449489	9.514837	9.975408	90
11	3273828	9448918	9.515056	9.975382	89
12	3275477	9448346	9.515274	9.975356	88
13	3277126	9447774	9.515493	9.975329	87
14	3278775	9447202	9.515711	9.975303	86
15	3280424	9446630	9.515930	9.975277	85
16	3282072	9446057	9.516148	9.975250	84
17	3283721	9445484	9.516366	9.975224	83
18	3285369	9444911	9.516584	9.975198	82
19	3287018	9444337	9.516802	9.975171	81
20	3288666	9443764	9.517020	9.975145	80
21	3290314	9443189	9.517237	9.975119	79
22	3291963	9442615	9.517455	9.975092	78
23	3293611	9442040	9.517672	9.975066	77
24	3295258	9441465	9.517889	9.975039	76
25	3296906	9440890	9.518106	9.975013	75
26	3298554	9440314	9.518323	9.974986	74
27	3300202	9439739	9.518540	9.974960	73
28	3301849	9439162	9.518757	9.974933	72
29	3303496	9438586	9.518973	9.974907	71
30	3305144	9438009	9.519190	9.974880	70
31	3306791	9437432	9.519407	9.974854	69
32	3308438	9436855	9.519623	9.974827	68
33	3310085	9436277	9.519839	9.974801	67
		Sinus		Log.Sin.	M

GRAD. 70

19 GRAD.

M	Tangen		Log.Tan		
0	3443276	29042109	9.536972	10.463028	
1	3445228	29025651	9.537218	10.462782	99
2	3447181	29009210	9.537464	10.462536	98
3	3449134	28992785	9.537710	10.462290	97
4	3451087	28976377	9.537956	10.462044	96
5	3453040	28959986	9.538201	10.461798	95
6	3454994	28943611	9.538447	10.461553	94
7	3456947	28927253	9.538693	10.461307	93
8	3458902	28910911	9.538938	10.461062	92
9	3460856	28894586	9.539183	10.460816	91
10	3462810	28878277	9.539429	10.460571	90
11	3464765	28861984	9.539674	10.460326	89
12	3466720	28845708	9.539919	10.460081	88
13	3468675	28829449	9.540163	10.459836	87
14	3470631	28813206	9.540408	10.459591	86
15	3472586	28796979	9.540653	10.459347	85
16	3474542	28780768	9.540897	10.459102	84
17	3476498	28764574	9.541142	10.458858	83
18	3478455	28748396	9.541386	10.458613	82
19	3480411	28732234	9.541630	10.458369	81
20	3482368	28716088	9.541874	10.458125	80
21	3484325	28699959	9.542119	10.457881	79
22	3486283	28683845	9.542362	10.457637	78
23	3488240	28667748	9.542606	10.457393	77
24	3490198	28651667	9.542850	10.457150	76
25	3492156	28635602	9.543093	10.456906	75
26	3494114	28619553	9.543337	10.456663	74
27	3496073	28603520	9.543580	10.456419	73
28	3498032	28587503	9.543824	10.456176	72
29	3509991	28571502	9.544067	10.455933	71
30	3501950	28555517	9.544310	10.455690	70
31	3503909	28539548	9.544553	10.455447	69
32	3505869	28523595	9.544796	10.455204	68
33	3507829	28507658	9.545038	10.454961	67
		Tangens		Log.Tang	M

GRAD. 70

19 GRAD.

M	Sinus		Log. Sin.		
33	3310085	9436277	9.519839	9.974801	67
34	3311732	9435700	9.520055	9.974774	66
35	3313379	9435121	9.520271	9.974747	65
36	3315025	9434543	9.520487	9.974721	64
37	3316672	9433964	9.520702	9.974694	63
38	3318318	9433385	9.520918	9.974667	62
39	3319965	9432806	9.521133	9.974641	61
40	3321611	9432225	9.521349	9.974614	60
41	3323257	9431647	9.521564	9.974587	59
42	3324903	9431066	9.521779	9.974561	5
43	3326549	9430486	9.521994	9.974534	57
44	3328195	9429905	9.522209	9.974507	56
45	3329841	9429324	9.522423	9.974480	55
46	3331486	9428743	9.522638	9.974454	54
47	3333132	9428161	9.522852	9.974427	53
48	3334778	9427579	9.523067	9.974400	5
49	3336423	9426997	9.523281	9.974373	51
50	3338068	9426415	9.523495	9.974346	50
51	3339714	9425832	9.523709	9.974320	49
52	3341359	9425249	9.523923	9.974293	48
53	3343004	9424666	9.524137	9.974266	47
54	3344648	9424082	9.524350	9.974239	46
55	3346293	9423498	9.524564	9.974212	45
56	3347938	9422914	9.524777	9.974185	4
57	3349582	9422329	9.524990	9.974158	4
58	3351227	9421745	9.525204	9.974131	4
59	3352871	9421160	9.525417	9.974104	4
60	3354515	9420574	9.525630	9.974077	4
61	3356160	9419989	9.525842	9.974050	3
62	3357804	9419403	9.526055	9.974023	3
63	3359448	9418817	9.526268	9.973996	3
64	3361091	9418230	9.526480	9.973969	3
65	3362735	9417643	9.526692	9.973942	3
66	3364379	9417056	9.526905	9.973915	3
		Sinus		Log. Sin.	M

GRAD. 70

19 GRAD.

M	Tangen		Log. Tan		
33	3507829	28507658	9.545038	10.454961	67
34	3509789	28491736	9.545281	10.454719	66
35	3511750	28475831	9.545523	10.454476	65
36	3513711	28459941	9.545766	10.454234	64
37	3515671	28444067	9.546008	10.453991	63
38	3517633	28428208	9.546250	10.453749	62
39	3519594	28412366	9.546492	10.453507	61
40	3521556	28396539	9.546734	10.453265	60
41	3523518	28380728	9.546976	10.453023	59
42	3525480	28364932	9.547218	10.452782	58
43	3527442	28349152	9.547460	10.452540	57
44	3529405	28333388	9.547701	10.452298	56
45	3531368	28317639	9.547943	10.452057	55
46	3533331	28301906	9.548184	10.451815	54
47	3535294	28286189	9.548425	10.451574	53
48	3537258	28270485	9.548667	10.451333	52
49	3539221	28254800	9.548908	10.451092	51
50	3541186	28239129	9.549149	10.450851	50
51	3543150	28223473	9.549389	10.450610	49
52	3545114	28207833	9.549630	10.450370	48
53	3547079	28192208	9.549871	10.450129	47
54	3549044	28176598	9.550111	10.449888	46
55	3551010	28161004	9.550352	10.449648	45
56	3552975	28145425	9.550592	10.449408	44
57	3554941	28129862	9.550832	10.449167	43
58	3556907	28114313	9.551072	10.448927	42
59	3558873	28098780	9.551312	10.448687	41
60	3560840	28083262	9.551552	10.448447	40
61	3562806	28067760	9.551792	10.448208	39
62	3564773	28052272	9.552032	10.447968	38
63	3566741	28036800	9.552271	10.447728	37
64	3568708	28021343	9.552511	10.447489	36
65	3570676	28005901	9.552750	10.447249	35
66	3572644	27990474	9.552990	10.447010	34
		Tangens		Log. Tan.	M

GRAD. 70

19 GRAD.

	Sinus		Log.Sin.		
67	3366022	9416469	9.527117	9.973888	33
68	3367666	9415881	9.527329	9.973861	32
69	3369309	9415293	9.527541	9.973834	31
70	3370952	9414705	9.527752	9.973807	30
71	3372596	9414117	9.527964	9.973779	29
72	3374239	9413528	9.528176	9.973752	28
73	3375881	9412939	9.528387	9.973725	27
74	3377524	9412350	9.528598	9.973698	26
75	3379167	9411760	9.528809	9.973671	25
76	3380810	9411170	9.529021	9.973643	24
77	3382452	9410580	9.529231	9.973616	23
78	3384095	9409989	9.529442	9.973589	22
79	3385737	9409399	9.529653	9.973562	21
80	3387379	9408807	9.529864	9.973534	20
81	3389021	9408216	9.530074	9.973507	19
82	3390663	9407624	9.530284	9.973480	18
83	3392305	9407033	9.530494	9.973452	17
84	3393947	9406440	9.530705	9.973425	16
85	3395588	9405848	9.530915	9.973398	15
86	3397230	9405255	9.531124	9.973370	14
87	3398871	9404662	9.531334	9.973343	13
88	3400513	9404069	9.531544	9.973316	12
89	3402154	9403475	9.531754	9.973288	11
90	3403795	9402881	9.531963	9.973261	10
91	3405436	9402287	9.532173	9.973233	9
92	3407077	9401692	9.532382	9.973206	8
93	3408718	9401098	9.532591	9.973178	7
94	3410359	9400502	9.532800	9.973151	6
95	3412000	9399907	9.533009	9.973123	5
96	3413640	9399311	9.533218	9.973096	4
97	3415281	9398716	9.533426	9.973068	3
98	3416921	9398119	9.533635	9.973040	2
99	3418561	9397523	9.533843	9.973013	1
	3420201	9396926	9.534051	9.972986	0
		Sinus		Log.Sin.	M

GRAD. 70.

M	Tangen		Log.Tan		
67	3574612	27975062	9.553229	10.446771	33
68	3576581	27959665	9.553468	10.446532	32
69	3578549	27944283	9.553707	10.446293	31
70	3580518	27928917	9.553946	10.446054	30
71	3582487	27913565	9.554184	10.445815	29
72	3584457	27898228	9.554423	10.445576	28
73	3586427	27882906	9.554662	10.445338	27
74	3588396	27867599	9.554900	10.445099	26
75	3590367	27852307	9.555139	10.444861	25
76	3592337	27837029	9.555377	10.444623	24
77	3594308	27821767	9.555615	10.444385	23
78	3596279	27806519	9.555853	10.444146	22
79	3598250	27791286	9.556091	10.443908	21
80	3600221	27776068	9.556329	10.443671	20
81	3602193	27760865	9.556567	10.443432	19
82	3604165	27745676	9.556804	10.443195	18
83	3606137	27730502	9.557042	10.442958	17
84	3608109	27715343	9.557280	10.442720	16
85	3610082	27700199	9.557517	10.442483	15
86	3612055	27685069	9.557754	10.442245	14
87	3614028	27669953	9.557991	10.442008	13
88	3616002	27654853	9.558228	10.441771	12
89	3617975	27639766	9.558465	10.441534	11
90	3619949	27624695	9.558702	10.441297	10
91	3621923	27609638	9.558939	10.441061	9
92	3623898	27594595	9.559176	10.440824	8
93	3625873	27579567	9.559412	10.440587	7
94	3627847	27564553	9.559649	10.440351	6
95	3629823	27549554	9.559885	10.440114	5
96	3631798	27534569	9.560122	10.439878	4
97	3633774	27519599	9.560358	10.439642	3
98	3635749	27504643	9.560594	10.439406	2
99	3637726	27489701	9.560830	10.439170	1
	3639702	27474774	9.561066	10.438934	0
		Tangens		Log.Tang	M

20 GRAD.

M	Sinus		Log.Sin.		
0	3420201	9396926	9.534051	9.972986	
1	3421841	9396329	9.534260	9.972958	99
2	3423481	9395732	9.534468	9.972930	98
3	3425121	9395134	9.534676	9.972903	97
4	3426761	9394536	9.534838	9.972876	96
5	3428400	9393938	9.535091	9.972847	95
6	3430040	9393339	9.535299	9.972820	94
7	3431679	9392740	9.535507	9.972792	93
8	3433318	9392141	9.535714	9.972764	92
9	3434958	9391542	9.535921	9.972737	91
10	3436597	9390942	9.536128	9.972709	90
11	3438236	9390342	9.536335	9.972681	89
12	3439875	9389742	9.536542	9.972653	88
13	3441513	9389142	9.536749	9.972626	87
14	3443152	9388541	9.536956	9.972598	86
15	3444791	9387940	9.537163	9.972570	85
16	3446429	9387338	9.537369	9.972542	84
17	3448067	9386737	9.537576	9.972514	83
18	3449706	9386135	9.537782	9.972487	82
19	3451344	9385533	9.537988	9.972459	81
20	3452982	9384930	9.538194	9.972431	80
21	3454620	9384327	9.538400	9.972403	79
22	3456258	9383724	9.538606	9.972375	78
23	3457895	9383121	9.538812	9.972347	77
24	3459533	9382517	9.539017	9.972319	76
25	3461170	9381913	9.539223	9.972291	75
26	3462808	9381309	9.539428	9.972263	74
27	3464445	9380704	9.539634	9.972235	73
28	3466082	9380100	9.539839	9.972207	72
29	3467719	9379495	9.540044	9.972179	71
30	3469356	9378889	9.540249	9.972151	70
31	3470993	9378283	9.540454	9.972123	69
32	3472630	9377678	9.540658	9.972095	68
33	3474267	9377071	9.540863	9.972067	67
		Sinus		Log.Sia	M

GRAD. 69

20 GRAD.

M	Tangen		Log.Tan		
0	3639702	27474774	9.561066	10.438934	
1	3641679	27459861	9.561301	10.438698	99
2	3643656	27444962	9.561537	10.438462	98
3	3645633	27430078	9.561773	10 438227	97
4	3647610	27415208	9.562008	10.437991	96
5	3649588	27400352	9.562244	10.437756	95
6	3651566	27385510	9.562479	10.437521	94
7	3653544	27370682	9.562714	0.437285	93
8	3655523	27355869	9.562949	10.437050	92
9	3657501	27341069	9.563184	10.436815	91
10	3659480	27326284	9.563419	10.436580	90
11	3661459	27311513	9.563654	10.436346	89
12	3663439	27296756	9.563889	10.436111	88
13	3665418	27282013	9.564123	10.435876	87
14	3667398	27267284	9.564358	10.435642	86
15	3669379	27252569	9.564592	10.435407	85
16	3671359	27237868	9.564827	10.435173	84
17	3673340	27223181	9.565061	10.434939	83
18	3675321	27208508	9.565295	10.434705	82
19	3677302	27193849	9.565529	10 434470	81
20	3679283	27179204	9.565763	10.434237	80
21	3681265	27164573	9.565997	10.434003	79
22	3683247	27149955	9.566231	10.433769	78
23	3685229	27135352	9.566464	10.433535	77
24	3687212	27120762	9.566698	10.433302	76
25	3689195	27106186	9.566931	10.433068	75
26	3691178	27091624	9.567165	10.432835	74
27	3693161	27077075	9.567398	10.432602	73
28	3695144	27062541	9.567631	10.432368	72
29	3697128	27048020	9 567864	10.432135	71
30	3699112	27033513	9.568097	10.431902	70
31	3701096	27019019	9 568330	10.431669	69
32	3703081	27004539	9.568563	10.431437	68
33	3705066	26990073	9.568796	10.431204	67
		Tangens		Log. Tan.	M

GRAD. 69

20 GRAD.

	Sinus		Log. Sin.		
33	3474267	9377071	9.540863	9.972067	67
34	3475903	9376465	9.541067	9.972039	66
35	3477540	9375858	9.541272	9.972011	65
36	3479176	9375251	9.541476	9.971982	64
37	3480812	9374644	9.541680	9.971954	63
38	3482448	9374036	9.541885	9.971926	62
39	3484084	9373428	9.542088	9.971898	61
40	3485720	9372820	9.542292	9.971870	60
41	3487356	9372211	9.542496	9.971842	59
42	3488991	9371602	9.542700	9.971814	58
43	3490627	9370993	9.542903	9.971785	57
44	3492263	9370384	9.543107	9.971757	56
45	3493898	9369774	9.543310	9.971729	55
46	3495534	9369164	9.543513	9.971701	54
47	3497169	9368554	9.543716	9.971672	53
48	3498804	9367944	9.543919	9.971644	52
49	3500439	9367333	9.544122	9.971616	51
50	3502074	9366722	9.544325	9.971587	50
51	3503708	9366110	9.544528	9.971559	49
52	3505343	9365499	9.544730	9.971531	48
53	3506978	9364887	9.544933	9.971502	47
54	3508612	9364274	9.545135	9.971474	46
55	3510246	9363662	9.545337	9.971446	45
56	3511880	9363049	9.545540	9.971417	44
57	3513515	9362436	9.545742	9.971389	43
58	3515149	9361823	9.545944	9.971360	42
59	3516782	9361209	9.546145	9.971332	41
60	3518416	9360595	9.546347	9.971303	40
61	3520050	9359981	9.546549	9.971275	39
62	3521684	9359366	9.546750	9.971246	38
63	3523317	9358752	9.546952	9.971218	37
64	3524950	9358137	9.547153	9.971189	36
65	3526584	9357521	9.547354	9.971161	35
66	3528217	9356906	9.547555	9.971132	34
		Sinus		Log. Sin.	M

GRAD. 69

20 GRAD.

M	Tangen		Log. Tan		
33	3705066	26990073	9.568796	10.431204	67
34	3707051	26975620	9.569028	10.430971	66
35	3709036	26961181	9.569261	10.430739	65
36	3711022	26946756	9.569493	10.430506	64
37	3713007	2[illegible]932344	9.569726	10.430274	63
38	3714994	26917946	9.569958	10.430042	62
39	3716980	26903561	9.570190	10.429810	61
40	3718966	26889189	9.570422	10.429578	60
41	3720953	26854832	9.570654	10.429346	59
42	3722940	26860487	9.570886	10.429114	58
43	3724928	26846156	9.571118	10.428882	57
44	3726915	26831839	9.571349	10.428650	56
45	3728903	26817535	9.571581	10.428419	55
46	3730891	26803244	9.571812	10.428187	54
47	3732880	26788967	9.572044	10.427956	53
48	3734868	26774703	9.572275	10.427724	52
49	3736857	26760452	9.572506	10.427493	51
50	3738847	26746215	9.572737	10.427262	50
51	3740836	26731991	9.572968	10.427031	49
52	3742826	26717780	9.573199	10.426800	48
53	3744816	26703582	9.573430	10.426569	47
54	3746806	26689398	9.573661	10.426339	46
55	3748796	26675227	9.573892	10.426108	45
56	3750787	26661069	9.574122	10.425877	44
57	3752778	26646924	9.574353	10.425647	43
58	3754769	26632793	9.574583	10.425417	42
59	3756761	26618674	9.574813	10.425186	41
60	3758753	26604569	9.575044	10.424956	40
61	3760745	26590476	9.575274	10.424726	39
62	3762737	26576397	9.575504	10.424496	38
63	3764730	26562331	9.575734	10.424266	37
64	3766722	26548278	9.575963	10.424036	36
65	3768716	26534238	9.576193	10.423806	35
66	3770709	26520211	9.576423	10.423577	34
		Tangens		Log. Tan.	M

GRAD. 69

20 GRAD.

M	Sinus		Log. Sin.		
67	3529850	9356290	9.547756	9.971103	33
68	3531483	9355673	9.547957	9.971075	32
69	3533116	9355057	9.548158	9.971046	31
70	3534748	9354440	9 548358	9.971018	30
71	3536381	9353823	9.548[illegible]59	9 970989	29
72	3538013	9353206	9.548759	9.970960	28
73	3539646	9352588	9.548960	9.970932	27
74	3541278	9351970	9.549160	9.970903	26
75	3542910	9351352	9.549360	9.970874	25
76	3544542	9350733	9.549560	9.970845	24
77	3546174	9350115	9.549760	9.970817	23
78	3547806	9349496	9.549960	9.970788	22
79	3549438	9348875	9.550159	9 970759	21
80	3551069	9348257	9.550359	9.970730	20
81	3552701	9347637	9.550558	9.970702	19
82	3554332	9347016	9.550758	9.970673	18
83	3555964	9346396	9.550957	9.970644	17
84	3557595	9345775	9.551156	9.970615	16
85	3559226	9345154	9.551355	9.970586	15
86	3560857	9344533	9 551554	9.970557	14
87	3562489	9343911	9.551753	9.970529	13
88	3564119	9343289	9.551952	9.970500	12
89	3565749	9342667	9.552151	9.970471	11
90	3567380	9342045	9.552349	9.970442	10
91	3569010	9341422	9.552548	9.970413	9
92	3570641	9340799	9.552746	9.970384	8
93	3572271	9340175	9.552944	9.970355	7
94	3573901	9339552	9.553142	9.970326	6
95	3575531	9338928	9.553340	9 970297	5
96	3577161	9338304	9.553538	9.970268	4
97	3578791	9337679	9.553736	9.970239	3
98	3580420	9337054	9.553934	9.970210	2
99	3582050	9336429	9 554131	9 970181	1
	3583679	9335804	9 554329	9 970152	0
		Sinus		Log. Sin.	M

GRAD. 69

M	Tangen		Log.Tan		
67	3772702	26506197	9.576652	10.423347	33
68	3774696	26492195	9.576882	10.423118	32
69	3776691	26478207	9.577111	10.422888	31
70	3778685	26464232	9 577341	10.422659	30
71	3780680	26450270	9 577570	10.422430	29
72	3782675	26436320	9.577799	10.422201	28
73	3784670	26422383	9.578028	10.421972	27
74	3786665	26408460	9.578257	10.421743	26
75	3788661	26394549	9.578486	10.421514	25
76	3790657	26380651	9.578714	10.421285	24
77	3792653	26366765	9.578943	10.421057	23
78	3794650	26352893	9.579172	10.420828	22
79	3796646	26339033	9.579400	10.420600	21
80	3798643	26325186	9 579628	10.420371	20
81	3800641	26311351	9.579857	10.420143	19
82	3802638	26397530	9 580085	10.419915	18
83	3804636	26283721	9.580313	10.419687	17
84	3806634	26269924	9.580541	10.419459	16
85	3808633	26256141	9.580769	10.419231	15
86	3810631	26242369	9.580997	10.419003	14
87	3812630	26228611	9.581225	10.418775	13
88	3814629	26214865	9.581452	10.418547	12
89	3816629	26201132	9.581680	10 418320	11
90	3818628	26187411	9.581907	10.418092	10
91	3820628	26173703	9.582135	10 417865	9
92	3822629	26160007	9.582362	10.417638	8
93	3824629	26146324	9.582589	10.417410	7
94	3826630	26132653	9.582816	10.417183	6
95	3828631	26118995	9.583043	10.416956	5
96	3830632	26105349	9.583270	10.416729	4
97	3832634	26091716	9.583497	10.416502	3
98	3834636	26078095	9.583724	10.416276	2
99	3836638	26064487	9.583951	10.416049	1
	3838640	26050890	9.584177	10.415822	0
		Tangens		Log.Tang	M

M	Sinus		Log. Sin.		
0	3583679	9335804	9.554329	9.970152	
1	3585309	9335178	9.554526	9.970122	99
2	3586938	9334552	9.554724	9.970093	98
3	3588567	9333926	9.554921	9.970064	97
4	3590196	9333300	9.555118	9.970035	96
5	3591825	9332673	9.555315	9.970006	95
6	3593454	9332046	9.555512	9.969977	94
7	3595082	9331419	9.555709	9.969947	93
8	3596711	9330791	9.555905	9.969918	92
9	3598340	9330163	9.556102	9.969889	91
10	3599968	9329535	9.556298	9.969860	90
11	3601596	9328907	9.556495	9.969831	89
12	3603224	9328278	9.556691	9.969801	88
13	3604852	9327649	9.556887	9.969772	87
14	3606480	9327020	9.557083	9.969743	86
15	3608108	9326390	9.557279	9.969713	85
16	3609736	9325760	9.557475	9.969684	84
17	3611363	9325130	9.557671	9.969655	83
18	3612991	9324499	9.557867	9.969625	82
19	3614618	9323869	9.558062	9.969596	81
20	3616246	9323238	9.558258	9.969567	80
21	3617873	9322607	9.558453	9.969537	79
22	3619500	9321975	9.558648	9.969508	78
23	3621127	9321343	9.558844	9.969478	77
24	3622753	9320711	9.559039	9.969449	76
25	3624380	9320078	9.559234	9.969419	75
26	3626007	9319446	9.559428	9.969390	74
27	3627633	9318813	9.559623	9.969360	73
28	3629260	9318179	9.559818	9.969331	72
29	3630886	9317546	9.560012	9.969301	71
30	3632512	9316912	9.560207	9.969272	70
31	3634138	9316278	9.560401	9.969242	69
32	3635764	9315644	9.560596	9.969213	68
33	3637390	9315009	9.560790	9.969183	67
		Sinus		Log. Sin	M

21 GRAD.

M	Tangen		*Log.Tan*		
0	3838640	26050890	9.584177	10.415822	
1	3840643	26037307	9.584404	10.415596	99
2	3842646	26023735	9.584630	10.415369	98
3	3844649	26010176	9.584857	10.415143	97
4	3846652	25996629	9.585083	10.414917	96
5	3848656	25983095	9.585309	10.414691	95
6	3850660	25969572	9.585535	10.414465	94
7	3852664	25956062	9.585761	10.414239	93
8	3854669	25942565	9.585987	10.414013	92
9	3856674	25929079	9.586213	10.413787	91
10	3858679	25915606	9.586438	10.413561	90
11	3860684	25902144	9.586664	10.413336	89
12	3862690	25888695	9.586890	10.413110	88
13	3864695	25875258	9.587115	10.412884	87
14	3866702	25861834	9.587340	10.412659	86
15	3868708	25848421	9.587566	10.412434	85
16	3870715	25835020	9.587791	10.412209	84
17	3872722	25821632	9.588016	10.411983	83
18	3874729	25808256	9.588241	10.411758	82
19	3876736	25794891	9.588466	10.411534	81
20	3878744	25781539	9.588691	10.411309	80
21	3880752	25768199	9.588916	10.411084	79
22	3882761	25754870	9.589140	10.410859	78
23	3884769	25741554	9.589365	10.410635	77
24	3886778	25728250	9.589590	10.410410	76
25	3888787	25714957	9.589814	10.410186	75
26	3890797	25701677	9.590038	10.409961	74
27	3892806	25688408	9.590263	10.409737	73
28	3894816	25675151	9.590487	10.409513	72
29	3896826	25661906	9.590711	10.409289	71
30	3898837	25648673	9.590935	10.409065	70
31	3900848	25635452	9.591159	10.408841	69
32	3902859	25622243	9.591383	10.408617	68
33	3904870	25609046	9 591606	10.408393	67
		Tangens		*Log.Tang*	M

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M	Sinus		Log.Sin.		
33	3637390	9315009	9.560790	9.969183	57
34	3639016	9314374	9.560984	9.969153	66
35	3640641	9313739	9.561178	9.969124	65
36	3642267	9313103	9.561372	9.969094	64
37	3643892	9312467	9.561565	9.969065	63
38	3645517	9311831	9.561759	9.969035	62
39	3647143	9311195	9.561953	9.969005	61
40	3648768	9310558	9.562146	9.968976	60
41	3650393	9309921	9.562339	9.968946	59
42	3652017	9309284	9.562533	9.968916	58
43	3653642	9308646	9.562726	9.968886	57
44	3655267	9308008	9.562919	9.968857	56
45	3656891	9307370	9.563112	9.968827	55
46	3658516	9306732	9.563305	9.968797	54
47	3660140	9306093	9.563498	9.968767	53
48	3661764	9305454	9 563690	9.968737	52
49	3663388	9304815	9.563883	9.968708	51
50	3665012	9304175	9.564075	9.968678	50
51	3666636	9303536	9.564268	9.968648	49
52	3668260	9302896	9.564460	9.968618	48
53	3669883	9302255	9.564652	9.968588	47
54	3671507	9301615	9.564844	9.968558	46
55	3673130	9300974	9.565036	9.968528	45
56	3674753	9300332	9.565228	9.968498	4
57	3676377	9299651	9.565420	9.968468	4
58	3678000	9299049	9.565611	9.968438	4
59	3679623	9298407	9.565803	9.968408	4
60	3681245	9297765	9.565995	9.968378	4
61	3682868	9297122	9.566186	9.968348	3
62	3684491	9296479	9.566377	9.968318	3
63	3686113	9295836	9.566568	9.968288	3
64	3687735	9295192	9.566760	9.968258	3
65	3689358	9294549	9.566951	9.968228	3
66	3690980	9293905	9.567142	9.968198	3
		Sinus		Log.Sin.	

M	Tangen		Log. Tan		
33	3904870	25609046	9.591606	10.408393	67
34	3906882	25595860	9.591830	10.408170	66
35	3908893	25582686	9.592054	10.407946	65
36	3910906	25569524	9.592277	10.407722	64
37	3912918	25556373	9.592501	10.407499	63
38	3914931	25543235	9.592724	10.407276	62
39	3916944	25530108	9.592947	10.407052	61
40	3918957	25516992	9.593170	10.406829	60
41	3920970	25503889	9.593393	10.406606	59
42	3922984	25490797	9.593616	10.406383	58
43	3924998	25477716	9.593839	10.406160	57
44	3927013	25464648	9.594062	10.405937	56
45	3929027	25451591	9.594285	10.405715	55
46	3931042	25438545	9.594508	10.405492	54
47	3933057	25425511	9.594730	10.405269	53
48	3935073	25412489	9.594953	10.405047	52
49	3937089	25399478	9.595175	10.404825	51
50	3939105	25386479	9.595397	10.404602	50
51	3941121	25373491	9.595620	10.404380	49
52	3943137	25360515	9.595842	10.404158	48
53	3945154	25347550	9.596064	10.403936	47
54	3947171	25334597	9.596286	10.403714	46
55	3949189	25321655	9.596508	10.403492	45
56	3951206	25308724	9.596730	10.403270	44
57	3953224	25295805	9.596951	10.403048	43
58	3955243	25282898	9.597173	10.402827	42
59	3957261	25270002	9.597395	10.402605	41
60	3959280	25257117	9.597616	10.402384	40
61	3961299	25244243	9.597837	10.402162	39
62	3963318	25231381	9.598059	10.401941	38
63	3965338	25218530	9.598280	10.401720	37
64	3967358	25205691	9.598501	10.401498	36
65	3969378	25192862	9.598722	10.401277	35
66	3971398	25180046	9.598943	10.401056	34
		Tangens		Log. Tan.	M

21 GRAD.

M	Sinus		*Log.Sin.*		
67	3692602	9293260	9.567332	9.968168	33
68	3694224	9292616	9.567523	9.968138	32
69	3695846	9291971	9.567714	9.968108	31
70	3697467	9291326	9.567904	9.968077	30
71	3699089	9290680	9.568095	9.968047	29
72	3700710	9290034	9.568285	9.968017	28
73	3702332	9289388	9.568475	9.967987	27
74	3703953	9288742	9.568665	9.967957	26
75	3705574	9288095	9.568855	9.967926	25
76	3707195	9287448	9.569045	9.967896	24
77	3708816	9286801	9.569235	9.967866	23
78	3710437	9286154	9.569425	9.967836	22
79	3712058	9285506	9.569615	9.967805	21
80	3713678	9284858	9.569804	9.967775	20
81	3715299	9284210	9.569994	9.967745	19
82	3716919	9283561	9.570183	9.967714	18
83	3718539	9282912	9.570372	9.967684	17
84	3720159	9282263	9.570561	9.967654	16
85	3721779	9281614	9.570750	9.967623	15
86	3723400	9280964	9.570939	9.967593	14
87	3725019	9280314	9.571128	9.967562	13
88	3726639	9279664	9.571317	9.967532	12
89	3728258	9279013	9.571506	9.967502	11
90	3729878	9278362	9.571694	9.967471	10
91	3731497	9277711	9.571883	9.967441	9
92	3733116	9277060	9.572071	9.967410	8
93	3734735	9276408	9.572260	9.967380	7
94	3736354	9275756	9.572448	9.967349	6
95	3737973	9275104	9.572636	9.967319	5
96	3739592	9274451	9.572824	9.967388	4
97	3741210	9273799	9.573012	9.967257	
98	3742829	9273145	9.573200	9.967227	2
99	3744447	9272492	9.573388	9.967196	
	3746066	9271838	9.573575	9.967166	0
		Sinus		*Log.Sin.*	M

GRAD. 68

M	Tangen		Log.Tan		
67	3973419	25167240	9.599164	10.400835	33
68	3975440	25154445	9.599385	10.400615	32
69	3977462	25141662	9.599606	10.400394	31
70	3979483	25128890	9.599826	10.400173	30
71	3981505	25116129	9.600047	10.399953	29
72	3983527	25103380	9.600268	10.399732	28
73	3985550	25090641	9.600488	10.399512	27
74	3987572	25077914	9.600708	10.399291	26
75	3989595	25065198	9.600929	10.399071	25
76	3991619	25052493	9.601149	10.398851	24
77	3993642	25039799	9.601369	10.398631	23
78	3995656	25027116	9.601589	10.398411	22
79	3997690	25014444	9.601809	10.398191	21
80	3999714	25001783	9.602029	10.397971	20
81	4001739	24989134	9.602249	10.397751	19
82	4003764	24976495	9.602468	10 397531	18
83	4005789	24963867	9.602688	10.397312	17
84	4007815	24951251	9.602907	10.397092	16
85	4009841	24938645	9.603127	10.396873	15
86	4011867	24926051	9.603346	10.396653	14
87	4013893	24913467	9.603566	10.396434	13
88	4015920	24900894	9.603785	10.396215	12
89	4017947	24888332	9.604004	10.395995	11
90	4019974	24875781	9.604223	10.395777	10
91	4022002	24863241	9.604442	10.395558	9
92	4024029	24850712	9.604661	10.395339	8
93	4026057	24838194	9.604880	10.395120	7
94	4028086	24825686	9.605099	10.394901	6
95	4030114	24813190	9.605317	10.394682	5
96	4032143	24800704	9.605536	10.394464	4
97	4034173	24788229	9.605754	10.394245	3
98	4036202	24775764	9.605973	10.394027	2
99	4038232	24763311	9.606191	10.393809	1
	4040262	24750868	9.606409	10.393590	0
		Tangens		Log.Tang	M

M	Sinus		*Log. Sin.*		
0	3746066	9271838	9.573575	9.967166	
1	3747684	9271184	9.573763	9.967135	99
2	3749302	9270530	9.573950	9.967104	98
3	3750920	9269876	9.574138	9.967074	97
4	3752538	9269221	9.574325	9.967043	96
5	3754156	9268566	9.574512	9.967012	95
6	3755773	9267910	9.574699	9.966982	94
7	3757391	9267255	9.574886	9.966951	93
8	3759008	9266599	9.575073	9.966920	92
9	3760625	9265943	9.575260	9.966889	91
10	3762242	9265286	9.575447	9.966859	90
11	3763859	9264629	9.575633	9.966828	89
12	3765476	9263972	9.575820	9.966797	88
13	3767093	9263315	9.576006	9.966766	87
14	3768710	9262657	9.576193	9.966735	86
15	3770326	9261999	9.576379	9.966705	85
16	3771943	9261341	9.576565	9.966674	84
17	3773559	9260683	9.576751	9.966643	83
18	3775176	9260024	9.576937	9.966612	82
19	3776792	9259365	9.577123	9.966581	81
20	3778408	9258706	9.577309	9.966550	80
21	3780024	9258046	9.577494	9.966519	79
22	3781639	9257386	9.577680	9.966488	78
23	3783255	9256726	9.577865	9.966457	77
24	3784871	9256066	9.578051	9.966426	76
25	3786486	9255405	9.578236	9.966395	75
26	3788101	9254744	9.578421	9.966364	74
27	3789716	9254083	9.578607	9.966333	73
28	3791332	9253421	9.578792	9.966302	72
29	3792947	9252759	9.578977	9.966271	71
30	3794561	9252097	9.579161	9.966240	70
31	3796176	9251435	9.579346	9.966209	69
32	3797791	9250772	9.579531	9.966178	68
33	3799405	9250109	9.579715	9.966147	67
		Sinus		*Log. Sin.*	M

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M	Tangen		*Log.Tan*		
0	4040262	24750868	9.606409	10.393590	
1	4042292	24738436	9.606628	10.393372	99
2	4044323	24726015	9.606846	10.393154	98
3	4046354	24713605	9.607064	10.392936	97
4	4048385	24701205	9.607282	10.392718	96
5	4050417	24688816	9.607500	10.392500	95
6	4052449	24676437	9.607717	10.392282	94
7	4054481	24664070	9.607935	10.392065	93
8	4056513	24651712	9.608153	10.391847	92
9	4058546	24639366	9.608370	10.391629	91
10	4060579	24627030	9.608588	10.391412	90
11	4062612	24614705	9 608805	10.391194	89
12	4064646	24602390	9.609022	10.390977	88
13	4066679	24590086	9.609240	10.390760	87
14	4068713	24577792	9.609457	10.390543	86
15	4070748	24565509	9.609674	10.390326	85
16	4072783	24553237	9.609891	10.390109	84
17	4074818	24540975	9.610108	10.389892	83
18	4076853	24528723	9.610325	10.389675	82
19	4078888	24516482	9.610542	10.389458	81
20	4080924	24504252	9.610758	10.389241	80
21	4082960	24492032	9.610975	10.389025	79
22	4084997	24479822	9.611192	10.388808	78
23	4087034	24467623	9.611408	10.388592	77
24	4089071	24455434	9.611624	10.388375	76
25	4091108	24443256	9.611841	10.388159	75
26	4093145	24431088	9.612057	10.387943	74
27	4095183	24418930	9.612273	10.387726	73
28	4097221	24406783	9.612489	10.387510	72
29	4099260	24394646	9.612705	10.387294	71
30	4101299	24382519	9.612921	10.387078	70
31	4103338	24370403	9.613137	10.386863	69
32	4105377	24358297	9.613353	10.386647	68
33	4107417	24346201	9 613569	10.386431	67
		Tangens		*Log.Tang*	M

M	Sinus		Log. Sin.		
33	3799405	9250109	9.579715	9.966147	67
34	3801020	9249446	9.579900	9.966116	66
35	3802634	9248782	9.580084	9.966084	65
36	3804248	9248118	9.580269	9.966053	64
37	3805862	9247454	9.580453	9.966022	63
38	3807476	9246790	9.580637	9.965991	62
39	3809090	9246125	9.580821	9.965960	61
40	3810704	9245460	9.581005	9.965928	60
41	3812317	9244795	9.581189	9.965897	59
42	3813931	9244129	9.581373	9.965866	58
43	3815544	9243464	9.581556	9.965835	57
44	3817157	9242798	9.581740	9.965803	56
45	3818770	9242131	9.581923	9.965772	55
46	3820383	9241465	9.582107	9.965741	54
47	3821996	9240798	9.582290	9.965709	53
48	3823609	9240130	9.582473	9.965678	52
49	3825222	9239463	9.582656	9.965647	51
50	3826834	9238795	9.582839	9.965615	50
51	3828447	9238127	9.583022	9.965584	49
52	3830059	9237459	9.583205	9.965552	48
53	3831671	9236790	9.583388	9.965521	47
54	3833283	9236121	9.583571	9.965489	46
55	3834895	9235452	9.583753	9.965458	45
56	3836507	9234783	9.583936	9.965426	44
57	3838119	9234113	9.584118	9.965395	43
58	3839730	9233443	9.584301	9.965363	42
59	3841342	9232773	9.584483	9.965332	41
60	3842953	9232102	9.584665	9.965300	40
61	3844564	9231431	9.584847	9.965269	39
62	3846175	9230760	9.585029	9.965237	38
63	3847786	9230089	9.585211	9.965206	37
64	3849397	9229417	9.585393	9.965174	36
65	3851008	9228745	9.585574	9.965142	35
66	3852619	9228073	9.585756	9.965111	34
		Sinus		Log. Sin.	M

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M	Tangen		Log. Tan		
33	4107417	24346201	9.613569	10.386431	67
34	4109457	24334116	9.613784	10.386215	66
35	4111497	24322041	9.614000	10.386000	65
36	4113537	24309976	9.614215	10.385784	64
37	4115578	24297921	9 614431	10.385569	63
38	4117619	24285877	9.614646	10.385354	62
39	4119661	24273842	9.614861	10.385138	61
40	4121702	24261818	9.615076	10.384923	60
41	4123744	24249805	9.615292	10.384708	59
42	4125787	24237801	9.615507	10.384493	58
43	4127829	24225807	9.615722	10.384278	57
44	4129872	24213824	9.615936	10.384063	56
45	4131915	24201851	9.616151	10.383848	55
46	4133959	24189887	9.616366	10.383634	54
47	4136002	24177934	9.616581	10.383419	53
48	4138046	24165991	9.616795	10.383204	52
49	4140091	24154058	9.617010	10.382990	51
50	4142135	24142135	9.617224	10.382775	50
51	4144180	24130223	9.617438	10.382561	49
52	4146226	24118320	9.617653	10.382347	48
53	4148271	24106427	9.617867	10.382133	47
54	4150317	24094544	9.618081	10.381919	46
55	4152363	24082671	9.618295	10.381704	45
56	4154409	24070809	9.618509	10.381490	44
57	4156456	24058956	9.618723	10.381277	43
58	4158503	24047113	9.618937	10.381063	42
59	4160550	24035280	9.619151	10.380849	41
60	4162598	24023457	9.619364	10.380635	40
61	4164646	24011644	9.619578	10.380422	39
62	4166694	23999840	9.619791	10.380208	38
63	4168743	23988047	9.620005	10.379995	37
64	4170791	23976264	9.620218	10.379781	36
65	4172840	23964490	9.620432	10.379568	35
66	4174890	23952726	9.620645	10.379355	34
		Tangens		Log. Tan.	M

GRAD. 67

22 GRAD.

M	Sinus		*Log.Sin.*		
67	3854229	9227400	9.585937	9.965079	33
68	3855840	9226727	9.586119	9.965047	32
69	3857450	9226054	9.586300	9.965016	31
70	3859060	9225381	9.586481	9.964984	30
71	3860670	9224707	9.586663	9.964952	29
72	3862280	9224033	9.586844	9.964921	28
73	3863890	9223359	9.587025	9.964889	27
74	3865500	9222684	9.587205	9.964857	26
75	3867109	9222010	9.587386	9.964825	25
76	3868719	9221334	9.587567	9.964794	24
77	3870328	9220659	9.587748	9.964762	23
78	3871938	9219983	9.587928	9.964730	22
79	3873547	9219308	9.588109	9.964698	21
80	3875156	9218631	9.588289	9.964666	20
81	3876765	9217955	9.588469	9.964634	19
82	3878373	9217278	9.588649	9.964602	18
83	3879982	9216601	9.588830	9.964571	17
84	3881591	9215924	9.589010	9.964539	16
85	3883199	9215246	9.589189	9.964507	15
86	3884807	9214568	9.589369	9.964475	14
87	3886415	9213890	9.589549	9.964443	13
88	3888024	9213212	9.589729	9.964411	12
89	3889631	9212533	9.589908	9.964379	11
90	3891239	9211854	9.590088	9.964347	10
91	3892847	9211175	9.590267	9.964315	9
92	3894455	9210495	9.590446	9.964283	8
93	3896062	9209815	9.590626	9.964251	7
94	3897669	9209135	9.590805	9.964219	6
95	3899277	9208455	9.590984	9.964187	5
96	3900884	9207774	9.591163	9.964154	4
97	3902491	9207093	9.591342	9.964122	3
98	3904098	9206412	9.591520	9.964090	2
99	3905704	9205730	9.591699	9.964058	1
	3907311	9205048	9.591878	9.964026	0
		Sinus		Log.*Sin.*	M

GRAD. 67

M	Tangen		Log.Tan		
67	4176940	23940972	9.620858	10.379142	33
68	4178990	23929228	9.621071	10.378928	32
69	4181040	23917494	9.621284	10.378715	31
70	4183090	23905769	9.621497	10.378503	30
71	4185141	23894055	9.621710	10.378290	29
72	4187192	23882350	9.621923	10.378077	28
73	4189244	23870654	9.622135	10.377864	27
74	4191296	23858969	9.622348	10.377651	26
75	4193348	23847293	9.622561	10.377439	25
76	4195400	23835627	9.622773	10.377226	24
77	4197453	23823971	9.622986	10.377014	23
78	4199506	23812324	9.623198	10.376802	22
79	4201559	23800687	9.623410	10.376589	21
80	4203613	23789060	9.623623	10.376377	20
81	4205667	23777442	9.623835	10.376165	19
82	4207721	23765834	9.624047	10.375953	18
83	4209775	23754236	9.624259	10.375741	17
84	4211830	23742647	9.624471	10.375529	16
85	4213885	23731068	9.624683	10.375317	15
86	4215941	23719498	9.624894	10.375105	14
87	4217996	23707938	9.625106	10.374894	13
88	4220052	23696388	9.625318	10.374682	12
89	4222109	23684847	9.625529	10.374470	11
90	4224165	23673315	9.625741	10.374259	10
91	4226222	23661793	9.625952	10.374047	9
92	4228279	23650281	9.626163	10.373836	8
93	4230337	23638778	9.626375	10.373625	7
94	4232395	23627285	9.626586	10.373414	6
95	4234453	23615801	9.626797	10.373202	5
96	4236511	23604327	9.627008	10.372991	4
97	4238570	23592862	9.627219	10.372780	3
98	4240629	23581406	9.627430	10.372570	2
99	4242688	23569960	9.627641	10.372359	1
	4244748	23558523	9.627852	10.372148	0
		Tangens		Log.Tang	M

M	Sinus		Log.Sin.		
0	3907311	9205048	9.591878	9.964026	
1	3908918	9204366	9.592056	9.963994	99
2	3910524	9203084	9.592235	9.963962	98
3	3912130	9203001	9.592413	9.963929	97
4	3913736	9202318	9.592591	9.963897	96
5	3915343	9201635	9.592770	9.963865	95
6	3916948	9200952	9.592948	9.963833	94
7	3918554	9200268	9.593126	9.963800	93
8	3920160	9199584	9.593304	9.963768	92
9	3921766	9198899	9.593481	9.963736	91
10	3923371	9198215	9.593659	9.963703	90
11	3924976	9197530	9.593837	9.963671	89
12	3926582	9196845	9.594014	9.963639	88
13	3928187	9196159	9.594192	9.963606	87
14	3929792	9195474	9.594369	9.963574	86
15	3931396	9194787	9.594547	9.963542	85
16	3933001	9194101	9.594724	9.963509	84
17	3934606	9193415	9.594901	9.963477	83
18	3936210	9192728	9.595078	9.963444	82
19	3937815	9192041	9.595255	9.963412	81
20	3939419	9191353	9.595432	9.963379	80
21	3941023	9190665	9.595609	9.963347	79
22	3942627	9189978	9.595786	9.963314	78
23	3944231	9189289	9.595962	9.963282	77
24	3945835	9188601	9.596139	9.963249	76
25	3947438	9187912	9.596315	9.963217	75
26	3949042	9187223	9.596492	9.963184	74
27	3950645	9186533	9.596668	9.963151	73
28	3952249	9185844	9.596844	9.963119	72
29	3953852	9185154	9.597020	9.963086	71
30	3955455	9184464	9.597196	9.963054	70
31	3957058	9183773	9.597372	9.963021	69
32	3958661	9183082	9.597548	9.962988	68
33	3960263	9182391	9.597724	9.962956	67
		Sinus		Log.Sin.	M

GRAD. 66

23 GRAD.

M	Tangen		Log. Tan		
0	4244748	23558523	9.627852	10.372148	
1	4246808	23547096	9.628062	10.371937	99
2	4248868	23535678	9.628273	10.371727	98
3	4250929	23524270	9.628484	10.371516	97
4	4252990	23512871	9.628694	10.371305	96
5	4255051	23501481	9.628905	10.371095	95
6	4257112	23490100	9.629115	10.370885	94
7	4259174	23478729	9.629325	10.370674	93
8	4261236	23467367	9.629535	10.370464	92
9	4263299	23456015	9.629746	10.370254	91
10	4265361	23444672	9.629956	10.370044	90
11	4267424	23433338	9.630166	10.369834	89
12	4269488	23422013	9.630376	10.369624	88
13	4271551	23410698	9 630585	10.369414	87
14	4273615	23399391	9.630795	10.369204	86
15	4275679	23388095	9.631005	10.368995	85
16	4277744	23376807	9.631215	10.368785	84
17	4279809	23365528	9.631424	10.368575	83
18	4281874	23354259	9.631634	10.368366	82
19	4283939	23342999	9.631843	10.368156	81
20	4286005	23331748	9.632053	10.367947	80
21	4288071	23320506	9.632262	10.367738	79
22	4290138	23309273	9.632471	10.367529	78
23	4292204	23298050	9.632680	10.367319	77
24	4294272	23286835	9.632889	10.367110	76
25	4296339	23275630	9.633098	10.366901	75
26	4298407	23264434	9.633307	10.366692	74
27	4300474	23253247	9.633516	10.366483	73
28	4302543	23242069	9.633725	10.366275	72
29	4304611	23230900	9.633934	10.366066	71
30	4306680	23219740	9.634142	10.365857	70
31	4308749	23208589	9.634351	10.365649	69
32	4310819	23197447	9.634560	10.365440	68
33	4312889	23186315	9.634768	10.365232	67
		Tangens		Log. Tan.	M

GRAD. 66

M	Sinus		Log. Sin.		
33	3960263	9182391	9.597724	9.962956	67
34	3961866	9181700	9.597900	9.962923	66
35	3963468	9181008	9.598075	9.962890	65
36	3965071	9180316	9.598251	9.962857	64
37	3966673	9179624	9.598426	9.962825	63
38	3968275	9178932	9.598602	9.962792	62
39	3969877	9178239	9.598777	9.962759	61
40	3971479	9177546	9.598952	9.962726	60
41	3973080	9176853	9.599127	9.962694	59
42	3974682	9176159	9.599302	9.962661	58
43	3976284	9175465	9.599477	9.962628	57
44	3977885	9174771	9.599652	9.962595	56
45	3979486	9174077	9.599827	9.962562	55
46	3981087	9173382	9.600002	9.962529	54
47	3982688	9172687	9.600176	9 962496	53
48	3984289	9171992	9.600351	9.962463	52
49	3985890	9171296	9.600525	9.962431	51
50	3987490	9170601	9.600699	9.962398	50
51	3989091	9169904	9.600874	9.962365	49
52	3990691	9169208	9.601048	9.962332	48
53	3992292	9168511	9.601222	9.962299	47
54	3993892	9167815	9.601396	9.962266	46
55	3995492	9167117	9.601570	9.962233	45
56	3997092	9166420	9.601744	9.962200	44
57	3998692	9165722	9.601918	9.962166	43
58	4000291	9165024	9.602091	9.962133	42
59	4001891	9164326	9.602265	9.962100	41
60	4003490	9163627	9.602439	9.962067	40
61	4005089	9162928	9.602612	9.962034	39
62	4006689	9162229	9.602785	9.962001	38
63	4008288	9161530	9.602959	9.961968	37
64	4009887	9160830	9.603132	9.961935	36
65	4011485	9160130	9.603305	9.961901	35
66	4013084	9159430	9.603478	9.961868	34
		Sinus		Log. Sin.	M

23 GRAD.

M	Tangen		Log. Tan		
33	4312889	23186315	9.634768	10.365232	67
34	4314959	23175191	9.634976	10.365023	66
35	4317029	23164076	9.635185	10.364815	65
36	4319100	23152970	9.635393	10.364607	64
37	4321171	23141873	9.635601	10.364398	63
38	4323243	23130785	9.635809	10.364190	62
39	4325314	23119706	9.636017	10.363982	61
40	4327386	23108636	9.636225	10.363774	60
41	4329459	23097575	9.636433	10.363566	59
42	4331531	23086523	9.636641	10.363358	58
43	4333604	23075480	9.636849	10.363151	57
44	4335677	23064445	9.637057	10.362943	56
45	4337751	23053420	9.637264	10.362735	55
46	4339825	23042403	9.637472	10.362528	54
47	4341899	23031396	9.637680	10.362320	53
48	4343974	23020397	9.637887	10.362113	52
49	4346048	23009407	9.638094	10.361905	51
50	4348124	22998425	9.638302	10.361698	50
51	4350199	22987453	9.638509	10.361491	49
52	4352275	22976489	9.638716	10.361283	48
53	4354351	22965534	9.638923	10.361076	47
54	4356427	22954588	9.639130	10.360869	46
55	4358504	22943651	9.639337	10.360662	45
56	4360581	22932722	9.639544	10.360455	44
57	4362658	22921803	9.639751	10.360249	43
58	4364736	22910891	9.639958	10.360042	42
59	4366814	22899989	9.640165	10.359835	41
60	4368892	22889095	9.640371	10.359628	40
61	4370971	22878210	9.640578	10.359422	39
62	4373050	22867334	9.640784	10.359215	38
63	4375129	22856467	9.640991	10.359009	37
64	4377209	22845608	9.641197	10.358803	36
65	4379289	22834757	9.641403	10.358596	35
66	4381369	22823916	9.641610	10.358390	34
		Tangens		Log. Tan.	M

GRAD. 66

23 GRAD.

M	Sinus		Log.Sin.		
67	4014683	9158729	9.603651	9.961835	33
68	4016281	9158028	9.603824	9.961802	32
69	4017879	9157327	9.603997	9.961769	31
70	4019478	9156626	9.604169	9.961735	30
71	4021076	9155924	9.604342	9.961702	29
72	4022674	9155222	9.604515	9.961669	28
73	4024271	9154520	9.604687	9.961635	27
74	4025869	9153817	9.604859	9.961602	26
75	4027467	9153115	9.605032	9.961569	25
76	4029064	9152412	9.605204	9.961535	24
77	4030661	9151708	9.605376	9.961502	23
78	4032259	9151005	9.605548	9.961469	22
79	4033856	9150301	9.605720	9.961435	21
80	4035453	9149596	9.605892	9.961402	20
81	4037050	9148892	9.606064	9.961368	19
82	4038646	9148187	9.606236	9.961335	18
83	4040243	9147482	9.606407	9.961301	17
84	4041839	9146777	9.606579	9.961268	16
85	4043436	9146071	9.606750	9.961234	15
86	4045032	9145366	9.606922	9.961201	14
87	4046628	9144659	9.607093	9.961167	13
88	4048224	9143953	9.607264	9.961134	12
89	4049820	9143246	9.607436	9.961100	11
90	4051416	9142539	9.607607	9.961067	10
91	4053011	9141832	9.607778	9.961033	9
92	4054607	9141125	9.607949	9.960999	8
93	4056202	9140417	9.608119	9.960965	7
94	4057797	9139709	9.608290	9.960932	6
95	4059392	9139000	9.608461	9.960899	5
96	4060987	9138292	9.608631	9.960865	4
97	4062582	9137583	9.608802	9.960831	3
98	4064177	9136874	9.608972	9.960797	2
99	4065772	9136164	9.609143	9.960764	1
	4067366	9135454	9.609313	9.960730	0
		Sinus		Log.Sin.	M

GRAD. 66

23 GRAD.

M	Tangen		Log.Tan		
67	4383449	22813083	9.641816	10.358184	33
68	4385530	22802258	9.642022	10.357978	32
69	4387611	22791443	9.642228	10.357772	31
70	4389693	22780636	9.642434	10.357566	30
71	4391775	22769837	9.642640	10.357360	29
72	4393857	22759047	9.642846	10.357154	28
73	4395939	22748266	9.643052	10.356948	27
74	4398022	22737493	9.643257	10.356742	26
75	4400105	22726729	9.643463	10.356537	25
76	4402189	22715973	9.643668	10.356331	24
77	4404272	22705226	9.643874	10.356126	23
78	4406356	22694487	9.644079	10.355920	22
79	4408441	22683757	9.644285	10.355715	21
80	4410525	22673035	9.644490	10.355509	20
81	4412610	22662322	9.644695	10.355304	19
82	4414696	22651617	9.644901	10.355099	18
83	4416781	22640921	9.645106	10.354894	17
84	4418867	22630233	9.645311	10.354689	16
85	4420954	22619553	9 645515	10.354484	15
86	4423040	22608882	9.645721	10.354279	14
87	4425127	22598220	9 645926	10.354074	13
88	4427214	22587566	9.646130	10.353869	12
89	4429302	22576920	9.646335	10.353664	11
90	4431390	22566282	9 646540	10.353460	10
91	4433478	22555653	9.646744	10.353255	9
92	4435567	22545033	9.646949	10.353051	8
93	4437655	22534420	9.647153	10.352846	7
94	4439745	22523817	9.647358	10.352642	6
95	4441834	22513221	9.647562	10.352437	5
96	4443924	22502634	9.647766	10 352233	4
97	4446014	22492055	9.647971	10.352029	3
98	4448105	22481484	9.648175	10.351825	2
99	4450196	22470922	9 648379	10.351621	1
	4452287	22460368	9.648583	10.351417	0
		Tangens		Log.Tang	M

GRAD. 66

M	Sinus		Log.Sin.		M
0	4067366	9135454	9.609313	9.960730	
1	4068961	9134744	9.609483	9.960696	99
2	4070555	9134034	9.609653	9.960662	98
3	4072149	9133323	9.609823	9.960629	97
4	4073743	9132613	9.609993	9.960595	96
5	4075337	9131901	9.610163	9.960561	95
6	4076931	9131190	9.610333	9.960527	94
7	4078524	9130478	9.610503	9.960493	93
8	4080118	9129766	9.610673	9.960459	92
9	4081711	9129054	9.610842	9.960426	91
10	4083304	9128342	9.611012	9.960392	90
11	4084898	9127629	9.611181	9.960358	89
12	4086491	9126916	9.611350	9.960324	88
13	4088083	9126202	9.611520	9.960290	87
14	4089676	9125489	9.611689	9.960256	86
15	4091269	9124775	9.611858	9.960222	85
16	4092861	9124061	9.612027	9.960188	84
17	4094454	9123346	9.612196	9.960154	83
18	4096046	9122631	9.612365	9.960120	82
19	4097638	9121916	9.612533	9.960086	81
20	4099230	9121201	9.612702	9.960052	80
21	4100822	9120485	9.612871	9.960018	79
22	4102414	9119770	9.613039	9.959984	78
23	4104005	9119053	9.613208	9.959950	77
24	4105597	9118337	9.613376	9.959915	76
25	4107188	9117620	9.613544	9.959881	75
26	4108780	9116903	9.613713	9.959847	74
27	4110371	9116186	9.613881	9.959813	73
28	4111962	9115468	9.614049	9.959779	72
29	4113553	9114751	9.614217	9.959745	71
30	4115143	9114033	9.614385	9.959710	70
31	4116734	9113314	9.614553	9.959676	69
32	4118325	9112596	9.614720	9.959642	68
33	4119915	9111877	9.614888	9.959608	67
		Sinus		Log.Sin	M

24 GRAD.

M	Tangen		Log.Tan		
0	4452287	22460368	9.648583	10.351417	
1	4454378	22449822	9.648787	10.351213	99
2	4456470	22439284	9.648991	10.351009	98
3	4458562	22428755	9.649195	10.350805	97
4	4460654	22418234	9.649398	10.350601	96
5	4462747	22407721	9.649602	10.350397	95
6	4464840	22397216	9.649806	10.350194	94
7	4466934	22386720	9.650001	10.349990	93
8	4469027	22376232	9.650213	10.349787	92
9	4471122	22365752	9.650416	10.349583	91
10	4473216	22355280	9.650620	10.349380	90
11	4475311	22344816	9.650823	10.349177	89
12	4477406	22334361	9.651026	10.348973	88
13	4479501	22323913	9.651229	10.348770	87
14	4481597	22313474	9.651433	10.348567	86
15	4483693	22303043	9.651636	10.348364	85
16	4485789	22292620	9.651839	10.348161	84
17	4487886	22282205	9.652042	10.347958	83
18	4489983	22271798	9.652245	10.347755	82
19	4492080	22261400	9.652447	10.347552	81
20	4494178	22251009	9.652650	10.347350	80
21	4496276	22240626	9.652853	10.347147	79
22	4498374	22230252	9.653055	10.346944	78
23	4500473	22219885	9.653258	10.346742	77
24	4502572	22209527	9.653460	10.346539	76
25	4504671	22199177	9.653663	10.346337	75
26	4506771	22188834	9.653865	10.346134	74
27	4508871	22178500	9.654068	10.345932	73
28	4510971	22168174	9.654270	10.345730	72
29	4513072	22157855	9 654472	10.345528	71
30	4515173	22147545	9.654674	10.345325	70
31	4517274	22137242	9.654876	10.345123	69
32	4519376	22126948	9.655078	10.344921	68
33	4521478	22116661	9.655280	10.344719	67
		Tangens		Log. Tan.	M

GRAD. 65

24 GRAD.

M	Sinus		Log. Sin.		
33	4119915	9111877	9.614888	9.959608	57
34	4121505	9111157	9.615056	9.959573	66
35	4123095	9110438	9.615223	9.959539	65
36	4124685	9109718	9.615391	9.959505	64
37	4126275	9108998	9.615558	9.959470	63
38	4127865	9108278	9.615725	9.959436	62
39	4129455	9107557	9.615893	9.959402	61
40	4131044	9106836	9.616060	9.959367	60
41	4132633	9106115	9.616227	9.959333	59
42	4134223	9105394	9.616394	9.959299	58
43	4135812	9104672	9.616561	9.959264	57
44	4137401	9103950	9.616727	9.959229	56
45	4138990	9103228	9.616894	9.959195	55
46	4140578	9102505	9.617061	9.959161	54
47	4142167	9101783	9.617227	9.959126	53
48	4143756	9101060	9 617394	9.959092	52
49	4145344	9100336	9.617560	9.959057	51
50	4146932	9099613	9.617727	9.959023	50
51	4148520	9098889	9.617893	9.958988	49
52	4150108	9098164	9.618059	9.958954	48
53	4151696	9097440	9.618225	9.958919	47
54	4153284	9096715	9.618391	9.958884	46
55	4154872	9095990	9.618557	9.958850	45
56	4156459	9095265	9.618723	9.958815	44
57	4158046	9094539	9.618889	9.958781	43
58	4159634	9093813	9.619055	9.958746	42
59	4161221	9053087	9.619221	9.958711	41
60	4162808	9092361	9.619386	9.958676	40
61	4164395	9091634	9.619552	9.958642	39
62	4165981	9090907	9.619717	9.958607	38
63	4167568	9090180	9.619883	9.958572	37
64	4169154	9089452	9.620048	9.958538	36
65	4170741	9088725	9.620213	9.958503	35
66	4172327	9087997	9.620378	9.958468	34
		Sinus		Log. Sin.	M

GRAD. 65

M	Tangen		Log.Tan		
33	4521478	22116661	9.655280	10.344719	67
34	4523580	22106383	9.655482	10.344517	66
35	4525683	22095112	9.655684	10.344316	65
36	4527786	22085849	9.655886	10.344114	64
37	4529889	22075595	9.656087	10.343912	63
38	4531993	22065348	9.656289	10.343711	62
39	4534097	22055109	9.656491	10.343509	61
40	4536201	22044877	9.656692	10.343307	60
41	4538306	22034654	9.656894	10.343106	59
42	4540411	22024439	9.657095	10.342905	58
43	4542516	22014231	9.657296	10.342703	57
44	4544622	22004031	9.657498	10.342502	56
45	4546727	21993840	9.657699	10.342301	55
46	4548834	21983655	9.657900	10.342100	54
47	4550940	21973479	9.658101	10.341899	53
48	4553047	21963311	9.658302	10.341698	52
49	4555155	21953150	9.658503	10.341497	51
50	4557262	21942997	9.658704	10.341296	50
51	4559370	21932852	9.658905	10.341095	49
52	4561479	21922715	9.659105	10.340894	48
53	4563587	21912585	9.659306	10.340693	47
54	4565696	21902463	9.659507	10.340493	46
55	4567806	21892349	9.659707	10.340292	45
56	4569915	21882243	9.659908	10.340092	44
57	4572025	21872144	9.660108	10.339891	43
58	4574136	21862053	9.660309	10.339691	42
59	4576246	21851970	9.660509	10.339490	41
60	4578357	21841894	9.660709	10.339290	40
61	4580469	21831826	9.660910	10.339090	39
62	4582580	21821766	9.661110	10.338890	38
63	4584692	21811713	9.661310	10.338690	37
64	4586805	21801669	9.661510	10.338490	36
65	4588917	21791631	9.661710	10.338290	35
66	4591030	21781602	9.661910	10.338090	34
		Tangens		Log. Tan.	M

M	Sinus		*Log.Sin*		
67	4173913	9087268	9.620543	9.958433	33
68	4175499	9086540	9.620708	9.958398	32
69	4177085	9085811	9.620873	9.958363	31
70	4178671	9085082	9.621038	9.958329	30
71	4180256	9084352	9.621203	9.958294	29
72	4181842	9083622	9.621367	9.958259	28
73	4183427	9082892	9.621532	9.958224	27
74	4185012	9082162	9.621697	9.958189	26
75	4186597	9081432	9.621861	9.958154	25
76	4188182	9080701	9.622025	9.958119	24
77	4189767	9079970	9.622190	9.958084	23
78	4191352	9079238	9.622354	9.958049	22
79	4192936	9078507	9.622518	9.958014	21
80	4194521	9077775	9.622682	9.957979	20
81	4196105	9077042	9.622846	9.957944	19
82	4197689	9076310	9.623010	9.957909	18
83	4199273	9075577	9.623174	9.957874	17
84	4200857	9074844	9.623338	9.957839	16
85	4202441	9074111	9.623501	9.957804	15
86	4204025	9073377	9.623665	9.957769	14
87	4205608	9072643	9.623829	9.957734	13
88	4207191	9071909	9.623992	9.957698	12
89	4208775	9071175	9.624156	9.957663	11
90	4210358	9070440	9.624319	9.957628	10
91	4211941	9069705	9.624482	9.957593	9
92	4213524	9068970	9.624645	9.957558	8
93	4215107	9068234	9.624808	9.957523	7
94	4216689	9067498	9.624971	9.957487	6
95	4218272	9066762	9.625134	9.957452	5
96	4219854	9066026	9.625297	9.957417	4
97	4221436	9065289	9.625460	9.957381	3
98	4223019	9064552	9.625623	9.957346	2
99	4224601	9063815	9.625785	9.957311	1
	4226182	9063078	9.625948	9.957276	0
		Sinus		*Log.Sin.*	M

24 GRAD.

M	Tangen		Log.Tan		
67	4593144	21771580	9.662110	10.337890	33
68	4595257	21761565	9.662310	10.337690	32
69	4597372	21751558	9.662509	10.337490	31
70	4599486	21741559	9 662709	10.337290	30
71	4601601	21731567	9.662909	10.337091	29
72	4603716	21721583	9.663108	10.336891	28
73	4605831	21711627	9.663308	10.336692	27
74	4607947	21701638	9.663507	10.336492	26
75	4610063	21691677	9.663707	10.336293	25
76	4612179	21681723	9.663906	10.336094	24
77	4614296	21671777	9.664105	10.335894	23
78	4616413	21661838	9.664304	10.335695	22
79	4618531	21651906	9.664504	10.335496	21
80	4620648	21641983	9.664703	10.335297	20
81	4622767	21632066	9 664902	10.335098	19
82	4624885	21622158	9.665101	10.334899	18
83	4627004	21612256	9 665300	10.334700	17
84	4629123	21602362	9.665499	10.334501	16
85	4631243	21592476	9.665697	10.334302	15
86	4633362	21582597	9 665896	10.334104	14
87	4635483	21572726	9.666095	10.333905	13
88	4637603	21562862	9.666293	10.333706	12
89	4639724	21553005	9.666492	10.333508	11
90	4641845	21543156	9.666690	10.333309	10
91	4643967	21533314	9.666889	10.333111	9
92	4646089	21523479	9.667087	10.332912	8
93	4648211	21513652	9.667286	10.332714	7
94	4650334	21503833	9 667484	10.332516	6
95	4652457	21494020	9.667682	10.332317	5
96	4654580	21484215	9.667880	10.332119	4
97	4656703	21474418	9.668078	10 331921	3
98	4658827	21464628	9.668276	10.331723	2
99	4660952	21454845	9.668474	10.331525	1
	4663076	21445069	9.668672	10.331327	0
		Tangens		Log.Tang	M

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25 GRAD.

M	Sinus		*Log.Sin.*		
0	4226182	9063078	9.625948	9.957276	
1	4227764	9062340	9.626111	9.957240	99
2	4229346	9061602	9.626273	9.957205	98
3	4230927	9060864	9.626435	9.957169	97
4	4232509	9060125	9.626598	9.957134	96
5	4234090	9059386	9.626760	9.957099	95
6	4235671	9058647	9.626922	9.957063	94
7	4237252	9057908	9.627084	9.957028	93
8	4238833	9057168	9.627246	9.956992	92
9	4240413	9056428	9.627408	9.956957	91
10	4241994	9055688	9.627570	9.956921	90
11	4243574	9054947	9.627732	9.956886	89
12	4245155	9054207	9.627893	9.956850	88
13	4246735	9053465	9.628055	9.956815	87
14	4248315	9052724	9.628217	9.956779	86
15	4249895	9051983	9.628378	9.956744	85
16	4251475	9051241	9.628539	9.956708	84
17	4253054	9050498	9.628701	9.956672	83
18	4254634	9049756	9.628862	9.956637	82
19	4256213	9049013	9.629023	9.956601	81
20	4257793	9048270	9.629184	9.956566	80
21	4259372	9047527	9.629345	9.956530	79
22	4260951	9046784	9.629506	9.956494	78
23	4262530	9046040	9.629667	9.956458	77
24	4264109	9045296	9.629828	9.956423	76
25	4265687	9044551	9.629989	9.956387	75
26	4267266	9043807	9.630150	9.956351	74
27	4268844	9043062	9.630310	9.956315	73
28	4270422	9042317	9.630471	9.956280	72
29	4272000	9041571	9.630631	9.956244	71
30	4273578	9040825	9.630791	9.956208	70
31	4275156	9040079	9.630952	9.956172	69
32	4276734	9039333	9.631112	9.956136	68
33	4278312	9038586	9.631272	9.956100	67
		Sinus		*Log.Sin*	M

GRAD. 64

25 GRAD.

M	Tangen		Log.Tan		
0	4663076	21445069	9.668672	10.331327	
1	4665201	21435301	9.668870	10.331129	99
2	4667327	21425540	9.669068	10.330932	98
3	4669452	21415786	9.669266	10.330734	97
4	4671579	21406040	9.669463	10.330536	96
5	4673705	21396301	9.669661	10.330338	95
6	4675832	21386569	9.669859	10.330141	94
7	4677959	21376844	9.670056	10.329943	93
8	4680086	21367127	9.670254	10.329746	92
9	4682214	21357417	9.670451	10.329549	91
10	4684342	21347714	9.670648	10.329351	90
11	4686471	21338018	9 670846	10.329154	89
12	4688599	21328330	9.671043	10.328957	88
13	4690729	21318649	9.671240	10.328759	87
14	4692858	21308975	9.671437	10.328562	86
15	4694988	21299308	9.671634	10.328365	85
16	4697118	21289648	9.671831	10.328168	84
17	4699249	21279996	9.672028	10.327971	83
18	4701380	21270351	9.672225	10.327774	82
19	4703511	21260712	9.672422	10.327578	81
20	4705641	21251082	9.672619	10.327381	80
21	4707775	21241458	9.672815	10.327184	79
22	4709907	21231841	9.673012	10.326987	78
23	4712040	21222231	9.673209	10.326791	77
24	4714173	21212629	9.673405	10.326594	76
25	4716306	21203034	9.673602	10.326398	75
26	4718440	21193445	9.673798	10.326201	74
27	4720574	21183864	9.673995	10.326005	73
28	4722708	21174290	9.674191	10.325809	72
29	4724843	21164723	9.674387	10 325612	71
30	4726978	21155163	9.674583	10.325416	70
31	4729114	21145610	9.674780	10.325220	69
32	4731250	21136065	9.674976	10.325024	68
33	4733386	21126526	9 675172	10.324828	67
		Tangens		Log.Tang	M

GRAD. 64

M	Sinus		Log. Sin.		
33	4278312	9038586	9.631272	9.956100	67
34	4279889	9037840	9.631432	9.956064	66
35	4281467	9037092	9.631592	9.956029	65
36	4283044	9036345	9.631752	9.955993	64
37	4284621	9035597	9.631912	9.955957	63
38	4286198	9034849	9.632072	9.955921	62
39	4287774	9034101	9.632232	9.955885	61
40	4289351	9033353	9.632391	9.955849	60
41	4290928	9032604	9.632551	9.955813	59
42	4292504	9031855	9.632711	9.955777	58
43	4294080	9031106	9.632870	9.955741	57
44	4295657	9030356	9.633029	9.955705	56
45	4297233	9029606	9.633189	9.955669	55
46	4298808	9028856	9.633348	9.955633	54
47	4300384	9028106	9.633507	9 955596	53
48	4301960	9027355	9.633666	9.955560	52
49	4303535	9026604	9.633825	9.955524	51
50	4305111	9025853	9.633984	9.955488	50
51	4306686	9022101	9.634143	9.955452	49
52	4308261	9024349	9.634302	9.955416	48
53	4309836	9023597	9.634461	9.955380	4
54	4311411	9022845	9.634619	9.955343	4
55	4312985	9022092	9.634778	9.955307	4
56	4314560	9021339	9.634936	9.955271	4
57	4316135	9020586	9.635095	9.955235	4
58	4317709	9019833	9.635253	9.955198	4
59	4319283	9019079	9.635412	9.955162	4
60	4320857	9018325	9.635570	9.955126	4
61	4322431	9017571	9.635728	9.955089	3
62	4324005	9016816	9.635886	9.955053	3
63	4325579	9016061	9.636044	9.955017	3
64	4327152	9015306	9.636202	9.954980	3
65	4328726	9014551	9.636360	9.954944	3
66	4330299	9013795	9.636518	9.954908	3
		Sinus		Log. Sin.	

25 GRAD.

M	Tangen		Log.Tan		
33	4733386	21126526	9.675172	10.324828	67
34	4735522	21116994	9.675368	10.324632	66
35	4737659	21107469	9.675564	10.324436	65
36	4739796	21097952	9.675760	10.324240	64
37	4741934	21088441	9.675955	10.324044	63
38	4744072	21078937	9.676151	10.323849	62
39	4746210	21069441	9.676347	10.323653	61
40	4748349	21059951	9.676542	10.323457	60
41	4750488	21050468	9.676738	10.323262	59
42	4752627	21040992	9.676934	10.323066	58
43	4754767	21031524	9.677129	10.322871	57
44	4756907	21022062	9.677324	10.322675	56
45	4759048	21012607	9.677520	10.322480	55
46	4761188	21003159	9.677715	10.322284	54
47	4763330	20993718	9.677910	10.322089	53
48	4765471	20984283	9.678106	10.321894	52
49	4767613	20974856	9.678301	10.321699	51
50	4769755	20965436	9.678496	10.321504	50
51	4771898	20956022	9.678691	10.321309	49
52	4774041	20946616	9.678886	10.321114	48
53	4776184	20937216	9.679081	10.320919	47
54	4778328	20927823	9.679276	10.320724	46
55	4780472	20918437	9.679471	10.320529	45
56	4782616	20909058	9.679665	10.320334	44
57	4784761	20899686	9.679860	10.320140	43
58	4786906	20890320	9.680055	10.319945	42
59	4789051	20880962	9.680250	10.319750	41
60	4791197	20871610	9.680444	10.319556	40
61	4793343	20862265	9.680638	10.319361	39
62	4795490	20852927	9.680833	10.319167	38
63	4797637	20843595	9.681027	10.318972	37
64	4799784	20834271	9.681221	10.318778	36
65	4801931	20824953	9.681416	10.318584	35
66	4804079	20815642	9.681610	10.318390	34
		Tangens		Log. Tan.	M

GRAD. 64

M	Sinus		Log.Sin.		
67	4331872	9013039	9.636675	9.954871	33
68	4333445	9012283	9.636833	9.954835	32
69	4335018	9011527	9.636991	9.954798	31
70	4336591	9010770	9,637148	9.954762	30
71	4338163	9010013	9.637306	9.954725	29
72	4339736	9009256	9.637463	9.954689	28
73	4341308	9008498	9.637620	9.954652	27
74	4342880	9007740	9.637778	9.954616	26
75	4344452	9006982	9.637935	9.954579	25
76	4346024	9006224	9.638092	9.954543	24
77	4347596	9005465	9,638249	9.954506	23
78	4349168	9004706	9.638406	9.954469	22
79	4350739	9003947	9.638563	9.954433	21
80	4352311	9003188	9.638720	9.954396	20
81	4353882	9002428	9,638876	9.954359	19
82	4355453	9001668	9.639033	9.954323	18
83	4357024	9000907	9.639190	9.954286	17
84	4358595	9000147	9.639346	9.954249	16
85	4360166	8999386	9.639503	9.954213	15
86	4361737	8998625	9.639659	9.954176	14
87	4363307	8997863	9.639816	9.954139	13
88	4364877	8997102	9.639972	9.954102	12
89	4366448	8996340	9.640128	9.954066	11
90	4368018	8995578	9.640284	9.954029	10
91	4369588	8994815	9.640440	9.953992	9
92	4371157	8994052	9.640596	9.953955	8
93	4372727	8993289	9.640752	9.953918	7
94	4374297	8992526	9.640908	9.953882	6
95	4375866	8991762	9.641064	9.953845	5
96	4377435	8990998	9.641220	9.953808	4
97	4379005	8990234	9.641375	9.953771	3
98	4380574	8989470	9.641531	9.953734	2
99	4382143	8988705	9.641686	9.953694	1
[illegible]	4383711	8987940	9.641842	9.953660	0
		Sinus		Log.Sin.	M

25 GRAD.

M	Tangen		Log.Tan		
67	4806228	20806337	9.681804	10.318195	33
68	4808376	20797040	9.681998	10.318001	32
69	4810525	20787749	9.682192	10.317807	31
70	4812675	20778465	9.682386	10.317613	30
71	4814825	20769188	9.682580	10.317419	29
72	4816975	20759917	9.682774	10.317225	28
73	4819125	20750653	9.682968	10.317032	27
74	4821276	20741396	9.683162	10.316838	26
75	4823427	20732146	9.683356	10.316644	25
76	4825579	20722902	9.683549	10.316450	24
77	4827731	20713665	9.683743	10.316257	23
78	4829883	20704434	9.683936	10.316063	22
79	4832036	20695210	9.684130	10.315870	21
80	4834189	20685993	9.684323	10.315676	20
81	4836342	20676783	9.684517	10.315483	19
82	4838496	20667579	9.684710	10.315289	18
83	4840650	20658382	9.684903	10.315096	17
84	4842804	20649191	9.685097	10.314903	16
85	4844959	20640007	9.685290	10.314710	15
86	4847114	20630830	9.685483	10.314517	14
87	4849270	20621659	9.685676	10.314323	13
88	4851426	20612495	9.685869	10.314130	12
89	4853582	20603338	9.686062	10.313937	11
90	4855739	20594187	9.686255	10.313744	10
91	4857896	20585043	9.686448	10 313552	9
92	4860053	20575905	9.686641	10.313359	8
93	4862211	20566774	9.686834	10.313166	7
94	4864369	20557649	9.687026	10.312973	6
95	4866528	20548531	9.687219	10.312781	5
96	4868687	20539419	9.687412	10.312588	4
97	4870846	20530314	9.687604	10.312395	3
98	4873005	20521216	9.687797	10.312203	2
99	4875165	20512124	9.687989	10.312010	1
	4877326	20503038	9.688182	10.311818	0
		Tangens		Log.Tang	M

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26 GRAD.

M	Sinus		Log. Sin.		
0	4383711	8987940	9.641842	9.953660	
1	4385280	8987175	9.641997	9.953623	99
2	4386848	8986410	9.642152	9.953586	98
3	4388417	8985644	9.642308	9.953549	97
4	4389985	8984878	9.642463	9.953512	96
5	4391553	8984111	9.642618	9.953475	95
6	4393121	8983345	9.642773	9.953438	94
7	4394689	8982578	9.642928	9.953401	93
8	4396257	8981811	9.643083	9.953364	92
9	4397824	8981043	9.643238	9.953327	91
10	4399391	8980276	9 643392	9.953289	90
11	4400959	8979508	9.643547	9.953252	89
12	4402526	8978739	9.643702	9.953215	88
13	4404093	8977971	9.643856	9.953178	87
14	4405660	8977202	9.644011	9.953141	86
15	4407227	8976433	9.644165	9.953104	85
16	4408793	8975664	9.644320	9.953066	84
17	4410360	8974894	9.644474	9.953029	83
18	4411926	8974124	9.644628	9.952992	82
19	4413492	8973354	9.644782	9.952955	81
20	4415058	8972583	9.644936	9.952917	80
21	4416624	8971813	9.645090	9.952880	79
22	4418190	8971042	9.645244	9.952843	78
23	4419756	8970271	9.645398	9.952805	77
24	4421321	8969500	9.645552	9.952768	76
25	4422887	8968727	9.645706	9.952731	75
26	4424452	8967955	9.645860	9.952693	74
27	4426017	8967183	9.646013	9.952656	73
28	4427582	8966410	9.646166	9.952618	72
29	4429147	8965637	9.646320	9.952581	71
30	4430712	8964864	9.646473	9.952544	70
31	4432276	8964091	9.646627	9.952506	69
32	4433841	8963317	9.646780	9.952469	68
33	4435405	8962543	9.646933	9.952431	67
		Sinus		Log. Sin.	M

GRAD. 63

26 GRAD.

M	Tangen		Log.Tan		
0	4877326	20503038	9.688182	10.311818	
1	4879486	20493959	9.688374	10.311626	99
2	4881647	20484887	9.688566	10.311433	98
3	4883809	20475821	9.688758	10.311241	97
4	4885971	20466761	9.688951	10.311049	96
5	4888133	20457708	9.689143	10.310857	95
6	4890295	20448661	9.689335	10.310665	94
7	4892458	20439521	9.689527	10.310473	93
8	4894622	20430588	9.689719	10.310281	92
9	4896785	20421560	9.689911	10.310089	91
10	4898949	20412539	9.690103	10.309897	90
11	4901114	20403525	9.690295	10.309705	89
12	4903278	20394517	9.690486	10.309513	88
13	4905444	20385515	9.690678	10.309322	87
14	4907609	20376520	9.690870	10.309130	86
15	4909775	20367532	9.691061	10.308938	85
16	4911941	20358549	9.691253	10.308747	84
17	4914108	20349573	9.691444	10.308555	83
18	4916275	20340603	9.691636	10.308364	82
19	4918442	20331640	9.691827	10.308172	81
20	4920610	20322683	9.692019	10.307981	80
21	4922778	20313733	9.692210	10.307790	79
22	4924946	20304788	9.692401	10.307598	78
23	4927115	20295851	9.692593	10.307407	77
24	4929284	20286919	9.692784	10.307216	76
25	4931454	20277994	9.692975	10.307025	75
26	4933624	20269075	9.693166	10.306834	74
27	4935794	20260162	9.693357	10.306643	73
28	4937965	20251256	9.693548	10.306452	72
29	4940136	20242356	9.693739	10.306261	71
30	4942308	20233462	9.693930	10.306070	70
31	4944479	20224575	9.694120	10.305879	69
32	4946652	20215694	9.694311	10.305688	68
33	4948824	20206819	9.694502	10.305498	67
		Tangens		Log.Tang	M

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26 GRAD.

M	Sinus		Log. Sin.		
33	4435405	8962543	9.646933	9.952431	67
34	4436969	8961769	9.647086	9.952394	66
35	4438533	8960994	9.647239	9.952356	65
36	4440097	8960219	9.647392	9.952318	64
37	4441661	8959444	9.647545	9.952281	63
38	4443225	8958669	9.647698	9.952243	62
39	4444788	8957893	9.647851	9.952206	61
40	4446352	8957117	9.648004	9.952168	60
41	4447915	8956341	9.648156	9.952130	59
42	4449478	8955565	9.648309	9.952093	58
43	4451041	8954788	9.648461	9.952055	57
44	4452604	8954011	9.648614	9.952017	56
45	4454166	8953234	9.648766	9.951980	55
46	4455729	8952456	9.648919	9.951942	54
47	4457291	8951679	9.649071	9.951904	53
48	4458854	8950900	9.649223	9.951867	52
49	4460416	8950122	9.649375	9.951829	51
50	4461978	8949343	9.649527	9.951791	50
51	4463540	8948565	9.649679	9.951753	49
52	4465102	8947785	9.649831	9.951715	48
53	4466663	8947006	9.649983	9.951678	47
54	4468225	8946226	9.650135	9.951640	46
55	4469786	8945446	9.650287	9.951602	45
56	4471347	8944666	9.650438	9.951564	44
57	4472908	8943885	9.650590	9.951526	43
58	4474469	8943105	9.650741	9.951488	42
59	4476030	8942324	9.650893	9.951450	41
60	4477591	8941542	9.651044	9.951412	40
61	4479151	8940761	9.651196	9.951374	39
62	4480712	8939979	9.651347	9.951336	38
63	4482272	8939196	9.651498	9.951298	37
64	4483832	8938414	9.651649	9.951260	36
65	4485392	8937631	9.651800	9.951222	35
66	4486952	8936848	9.651951	9.951184	34
		Sinus		Log. Sin.	M

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26 GRAD.

M	Tangen		Log.Tan		
33	4948824	20206819	9.694502	10.305498	67
34	4950997	20197950	9.694693	10.305307	66
35	4953171	20189088	9.694883	10.305116	65
36	4955344	20180232	9.695074	10.304926	64
37	4957518	20171382	9.695264	10.304735	63
38	4959693	20162538	9.695455	10.304545	62
39	4961868	20153700	9.695645	10.304355	61
40	4964043	20144869	9.695835	10.304164	60
41	4966219	20136044	9.696026	10.303974	59
42	4968394	20127225	9.696216	10.303784	58
43	4970571	20118413	9.696406	10.303594	57
44	4972748	20109606	9.696596	10.303403	56
45	4974925	20100806	9.696786	10.303213	55
46	4977102	20092012	9.696976	10.303023	54
47	4979280	20083224	9.697166	10.302833	53
48	4981458	20074442	9.697356	10.302643	52
49	4983637	20065666	9.697546	10.302453	51
50	4985816	20056897	9.697736	10.302264	50
51	4987995	20048134	9.697926	10.302074	49
52	4990175	20039376	9.698116	10.301884	48
53	4992355	20030625	9.698305	10.301694	47
54	4994536	20021880	9.698495	10.301505	46
55	4996717	20013141	9.698685	10.301315	45
56	4998898	20004409	9.698874	10.301126	44
57	5001080	19995682	9.699064	10.300936	43
58	5003262	19986961	9.699253	10.300747	42
59	5005444	19978247	9.699442	10.300557	41
60	5007627	19969538	9.699632	10.300368	40
61	5009810	19960836	9.699821	10.300179	39
62	5011994	19952140	9.700010	10.299989	38
63	5014177	19943449	9.700200	10.299800	37
64	5016362	19934765	9.700389	10.299611	36
65	5018547	19926087	9.700578	10.299422	35
66	5020732	19917415	9.700767	10.299233	34
		Tangens		Log.Tan.	M

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M	Sinus		Log.Sin.		
67	4488511	8936065	9.652102	9.951146	33
68	4490071	8935282	9.652253	9.951108	32
69	4491630	8934498	9.652404	9.951070	31
70	4493190	8933714	9.652555	9.951032	30
71	4494749	8932929	9.652705	9.950994	29
72	4496308	8932145	9.652856	9.950956	28
73	4497867	8931360	9.653006	9.950917	27
74	4499426	8930575	9.653157	9.950879	26
75	4500984	8929789	9.653307	9.950841	25
76	4502543	8929004	9.653458	9.950803	24
77	4504101	8928218	9.653608	9.950765	23
78	4505659	8927431	9.653758	9.950726	22
79	4507217	8926645	9.653908	9.950688	21
80	4508775	8925858	9.654058	9.950650	20
81	4510333	8925071	9.654208	9.950611	19
82	4511891	8924284	9.654358	9.950573	18
83	4513448	8923496	9.654508	9.950535	17
84	4515006	8922708	9.654658	9.950496	16
85	4516563	8921920	9.654808	9.950458	15
86	4518120	8921132	9.654958	9.950420	14
87	4519677	8920343	9.655107	9.950381	13
88	4521234	8919554	9.655257	9.950343	12
89	4522790	8918765	9.655406	9.950305	11
90	4524347	8917975	9.655556	9.950266	10
91	4525903	8917185	9.655705	9.950228	9
92	4527460	8916395	9.655854	9.950189	8
93	4529016	8915605	9.656004	9.950151	7
94	4530572	8914814	9.656153	9.950112	6
95	4532128	8914023	9.656302	9.950074	5
96	4533683	8913232	9.656451	9.950035	4
97	4535239	8912441	9.656600	9.949996	3
98	4536794	8911649	9.656749	9.949958	2
99	4538350	8910857	9.656898	9.949919	1
	4539905	8910065	9.657047	9.949881	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
57	5022917	19908749	9.700956	10.299044	33
68	5025103	19900089	9.701145	10.298855	32
69	5027289	19891435	9.701334	10.298666	31
70	5029476	19882787	9.701523	10.298477	30
71	5031663	19874145	9.701711	10.298288	29
72	5033850	19865509	9.701900	10.298099	28
73	5036038	19856878	9.702089	10.297911	27
74	5038226	19848254	9.702277	10.297722	26
75	5040415	19839636	9.702465	10.297534	25
76	5042604	19831024	9.702655	10.297345	24
77	5044793	19822418	9.702843	10.297156	23
78	5046983	19813818	9.703032	10.296968	22
79	5049173	19805223	9.703220	10.296780	21
80	5051363	19796635	9.703408	10.296591	20
81	5053554	19788053	9.703597	10.296403	19
82	5055745	19779476	9.703785	10.296215	18
83	5057937	19770905	9.703973	10.296026	17
84	5060129	19762341	9.704161	10.295838	16
85	5062321	19753782	9.704350	10.295650	15
86	5064514	19745229	9.704538	10.295462	14
87	5066707	19736682	9.704726	10.295274	13
88	5068901	19728141	9.704914	10.295086	12
89	5071095	19719606	9.705102	10.294898	11
90	5073289	19711077	9.705289	10.294710	10
91	5075484	19702553	9.705477	10 294522	9
92	5077679	19694036	9.705665	10.294335	8
93	5079875	19685524	9.705853	10.294147	7
94	5082071	19677018	9.706041	10.293959	6
95	5084267	19668518	9.706228	10.293771	5
96	5086464	19660024	9.706416	10.293584	4
97	5088661	19651535	9.706603	10.293396	3
98	5090858	19643052	9.706791	10.293209	2
99	5093056	19634576	9.706978	10.293021	1
	5095254	19626105	9.707166	10.29 834	0
		Tangens		Log.Tan	M

72 GRAD.

M	Sinus		Log. Sin.		
0	4539905	8910065	9.657047	9.949881	
1	4541460	8909273	9.657195	9.949842	99
2	4543015	8908480	9.657344	9.949803	98
3	4544569	8907687	9.657493	9.949765	97
4	4546124	8906893	9.657641	9.949726	96
5	4547679	8906100	9.657790	9.949687	95
6	4549233	8905306	9.657938	9.949649	94
7	4550787	8904512	9.658086	9.949610	93
8	4552341	8903717	9.658235	9.949571	92
9	4553895	8902923	9.658383	9.949532	91
10	4555449	8902128	9.658531	9.949494	90
11	4557003	8901333	9.658679	9.949455	89
12	4558556	8900537	9.658827	9.949416	88
13	4560109	8899741	9.658975	9.949377	87
14	4561663	8898945	9.659123	9.949338	86
15	4563216	8898149	9.659271	9.949299	85
16	4564769	8897353	9.659419	9.949261	84
17	4566321	8896556	9.659566	9.949222	83
18	4567874	8895759	9.659714	9.949183	82
19	4569427	8894961	9.659862	9.949144	81
20	4570979	8894164	9.660009	9.949105	80
21	4572531	8893366	9.660157	9.949066	79
22	4574083	8892567	9.660304	9.949027	78
23	4575635	8891769	9.660451	9.948988	77
24	4577187	8890970	9.660598	9.948949	76
25	4578739	8899171	9.660746	9.948910	75
26	4580291	8889372	9.660893	9.948871	74
27	4581842	8888572	9.661040	9.948832	73
28	4583393	8887773	9.661187	9.948793	72
29	4584944	8886972	9.661334	9.948754	71
30	4586495	8886172	9.661481	9.948715	70
31	4588046	8885371	9.661628	9.948675	69
32	4589597	8884571	9.661774	9.948636	68
33	4591148	8883769	9.661921	9.948597	67
		Sinus		Log. Sin.	M

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27 GRAD.

M	Tangen		Log.Tan		
0	5095254	19626105	9.707166	10.292834	
1	5097453	19617640	9.707353	10.292647	99
2	5099652	19609180	9.707540	10.292459	98
3	5101851	19600727	9.707728	10.292272	97
4	5104051	19592279	9.707915	10.292085	96
5	5106251	19583837	9.708102	10.291898	95
6	5108452	19575401	9.708289	10.291710	94
7	5110653	19566970	9.708476	10.291523	93
8	5112854	19558545	9.708663	10.291336	92
9	5115056	19550126	9.708850	10.291149	91
10	5117258	19541713	9.709037	10.290962	90
11	5119461	19533306	9.709224	10.290776	89
12	5121664	19524904	9.709411	10.290589	88
13	5123867	19516508	9.709598	10.290402	87
14	5126071	19508118	9.709784	10.290215	86
15	5128275	19499733	9.709971	10.290028	85
16	5130480	19491354	9.710158	10.289842	84
17	5132685	19482981	9.710344	10.289655	83
18	5134890	19474613	9.710531	10.289469	82
19	5137096	19466252	9.710717	10.289283	81
20	5139302	19457895	9.710904	10.289096	80
21	5141508	19449545	9.711090	10.288909	79
22	5143715	19441200	9.711277	10.288723	78
23	5145922	19432861	9.711463	10.288537	77
24	5148130	19424527	9.711649	10.288350	76
25	5150338	19416200	9.711836	10.288164	75
26	5152547	19407877	9.712022	10.287978	74
27	5154756	19399561	9.712208	10.287792	73
28	5156965	19391250	9.712394	10.287606	72
29	5159175	19382945	9.712580	10.287420	71
30	5161385	19374645	9.712766	10.287234	70
31	5163595	19366351	9.712952	10.287048	69
32	5165806	19358062	9.713138	10.286862	68
33	5168017	19349779	9.713324	10.286676	67
		Tangens		Log. Tan.	M

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M	Sinus		Log.Sin.		
33	4591148	8883769	9.661921	9.948597	57
34	4592698	8882968	9.662068	9.948558	56
35	4594248	8882166	9.662214	9.948519	55
36	4595798	8881364	9.662361	9.948479	54
37	4597348	8880562	9.662507	9.948440	53
38	4598898	8879760	9.662654	9.948401	52
39	4600448	8878957	9.662800	9.948362	51
40	4601998	8878154	9.662946	9.948322	50
41	4603547	8877350	9.663092	9.948283	19
42	4605096	8876547	9.663239	9.948244	18
43	4606646	8875743	9.663385	9.948205	17
44	4608195	8874939	9.663531	9.948165	16
45	4609744	8874134	9.663677	9.948126	15
46	4611292	8873330	9.663822	9.948086	14
47	4612841	8872525	9.663968	9.948047	13
48	4614389	8871719	9.664114	9.948008	12
49	4615938	8870914	9.664260	9.947968	11
50	4617486	8870108	9.664405	9.947929	10
51	4619034	8869302	9.664551	9.947889	9
52	4620582	8868496	9.664695	9.947850	8
53	4622130	8867689	9.664842	9.947810	47
54	4623677	8866882	9.664987	9.947771	46
55	4625225	8866075	9.665133	9.947731	45
56	4626772	8865268	9.665278	9.947692	44
57	4628319	8864460	9.665423	9.947652	43
58	4629866	8863652	9.665568	9.947613	42
59	4631413	8862844	9.665713	9.947573	41
60	4632960	8862035	9.665858	9.947533	40
61	4634507	8861227	9.666003	9.947494	39
62	4636053	8860418	9.666148	9.947454	38
63	4637600	8859609	9.666293	9.947414	37
64	4639146	8858799	9.666438	9.947375	36
65	4640692	8857989	9.666583	9.947335	35
66	4642238	8857179	9.666727	9.947295	34
		Sinus		Log.Sin.	M

27 GRAD.

M	Tangen		*Log.Tan*		
33	5168017	19349779	9.713324	10.286676	67
34	5170229	19341502	9.713510	10.286490	66
35	5172442	19333230	9.713695	10.286304	65
36	5174653	19324964	9.713881	10.286119	64
37	5176866	19316704	9.714067	10.285933	63
38	5179080	19308449	9.714252	10.285747	62
39	5181293	19300199	9.714438	10.285562	61
40	5183507	19291955	9.714624	10.285376	60
41	5185722	19283717	9.714809	10.285191	59
42	5187937	19275484	9.714994	10.285005	58
43	5190152	19267257	9.715180	10.284820	57
44	5192368	19259035	9.715365	10.284634	56
45	5194584	19250819	9.715551	10.284450	55
46	5196800	19242609	9.715736	10.284264	54
47	5199017	19234403	9.715921	10.284079	53
48	5201235	19226204	9.716106	10.283893	52
49	5203452	19218010	9.716291	10.283708	51
50	5205670	19209821	9.716476	10.283523	50
51	5207889	19201638	9.716662	10.283338	49
52	5210108	19193460	9.716847	10.283153	48
53	5212327	19185288	9.717031	10.282968	47
54	5214547	19177121	9.717216	10.282783	46
55	5216567	19168960	9.717401	10.282598	45
56	5218987	19160804	9.717586	10.282414	44
57	5221208	19152654	9.717771	10.282229	43
58	5223430	19144509	9.717956	10.282044	42
59	5225651	19136370	9.718140	10.281859	41
60	5227873	19128236	9.718325	10.281675	40
61	5230096	19120107	9.718509	10.281490	39
62	5232319	19111984	9.718694	10.281306	38
63	5234542	19103866	9.718879	10.281121	37
64	5236766	19095754	9.719063	10.280937	36
65	5238990	19087647	9.719247	10.280752	35
66	5241215	19079545	9.719432	10.280568	34
		Tangen		*Log.Tan.*	M

GRAD. 62

27 GRAD.

M	Sinus		Log. Sin.		
67	4643784	8856369	9.666872	9.947256	33
68	4645329	8855558	9.667016	9.947216	32
69	4646875	8854747	9.667161	9.947176	31
70	4648420	8853936	9.667305	9.947136	30
71	4649965	8853125	9.66 450	9.947096	29
72	4651511	8852313	9.667594	9.947057	28
73	4653056	8851501	9.667738	9.947017	27
74	4654600	8850689	9.667882	9.946977	26
75	4656145	8849876	9.668026	9.946937	25
76	4657690	8849063	9.668170	9.946897	24
77	4659234	8848250	9.668314	9.946857	23
78	4660778	8847437	9.668458	9.946817	22
79	4662322	8846623	9.668602	9.946777	21
80	4663866	8845810	9.668746	9.946737	20
81	4665410	8844995	9.668890	9.946697	19
82	4666954	8844181	9.669033	9.946657	18
83	4668497	8843366	9.669177	9.946617	17
84	4670041	8842551	9.669320	9.946577	16
85	4671584	8841736	9.669464	9.946537	15
86	4673127	8840921	9.669607	9.946497	14
87	4674670	8840105	9.669751	9.946457	13
88	4676213	8839289	9.669894	9.946417	12
89	4677755	8838473	9.670037	9.946377	11
90	4679298	8837656	9.670181	9.946337	10
91	4680840	8836839	9.670324	9.946297	9
92	4682383	8836022	9.670467	9.946257	8
93	4683925	8835205	9.670610	9.946216	7
94	4685467	8834387	9.670753	9.946176	6
95	4687008	8833569	9.670896	9.946136	5
96	4688550	8832751	9.671038	9.946096	4
97	4690092	8831933	9.671181	9.946056	3
98	4691633	8831114	9.671324	9.946016	2
99	4693174	8830295	9.671467	9.945975	1
	4694715	8829476	9.671609	9.945935	0
		Sinus		Log. Sin.	M

GRAD. 62

M	Tangen		Log.Tan		
67	5243440	19071449	9.719616	10.280383	33
68	5245665	19063358	9.719800	10.280199	32
69	5247891	19055273	9.719985	10.280015	31
70	5250117	19047193	9.720169	10.279831	30
71	5252344	19039118	9.720353	10.279647	29
72	5254571	19031049	9.720537	10.279463	28
73	5256798	19022985	9.720721	10.279278	27
74	5259026	19014927	9.720905	10.279094	26
75	5261254	19006873	9 721089	10.278910	25
76	5263483	18998826	9.721273	10.278727	24
77	5265712	18990783	9.721457	10.278543	23
78	5267942	18982746	9.721641	10.278359	22
79	5270171	18974714	9.721825	10.278175	21
80	5272402	18966687	9.722008	10.277991	20
81	5274632	18958666	9.722192	10.277808	19
82	5276864	18950650	9.722376	10.277624	18
83	5279095	18942640	9.722559	10.277440	17
84	5281327	18934634	9.722743	10.277257	16
85	5283559	18926634	9 722926	10.277073	15
86	5285792	18918640	9.723110	10.276890	14
87	5288025	18910550	9.723293	10.276706	13
88	5290259	18902666	9.723477	10.276523	12
89	5292493	18894687	9.723660	10.275340	11
90	5294727	18886713	9.723843	10.276156	10
91	5296962	18878745	9.724027	10.275973	9
92	5299197	18870782	9.724210	10.275790	8
93	5301433	18862824	9.724393	10.275607	7
94	5303669	18854871	9.724576	10.275423	6
95	5305906	18846924	9.724759	10.275240	5
96	5308142	18838981	9.724942	10.275057	4
97	5310380	18831044	9. 25125	10 274874	3
98	5312617	18823112	9.725308	10.274691	2
99	5314856	18815186	9 725491	10 274508	1
	5317094	18807264	9.725674	10.274325	0
		Tangens		Log.Tang	M

28 GRAD.

M	Sinus		Log.Sin.		
0	4694715	8829476	9.671609	9.945935	
1	4696256	8828656	9.671752	9.945894	99
2	4697797	8827836	9.671894	9.945854	98
3	4699338	8827016	9.672036	9.945814	97
4	4700878	8826196	9.672179	9.945773	96
5	4702419	8825375	9.672321	9.945733	95
6	4703959	8824555	9.672463	9.945693	94
7	4705499	8823733	9.672606	9.945652	93
8	4707039	8822912	9.672748	9.945612	92
9	4708579	8822090	9.672890	9.945571	91
10	4710119	8821268	9.673032	9.945531	90
11	4711658	8820445	9.673174	9.945490	89
12	4713198	8819624	9.673315	9.945450	88
13	4714737	8818801	9.673457	9.945409	87
14	4716276	8817978	9.673599	9.945369	86
15	4717815	8817155	9.673741	9.945328	85
16	4719354	8816331	9.673882	9.945288	84
17	4720892	8815507	9.674024	9.945247	83
18	4722431	8814683	9.674165	9.945207	82
19	4723969	8813859	9.674307	9.945166	81
20	4725507	8813034	9.674448	9.945125	80
21	4727046	8812209	9.674590	9.945085	79
22	4728583	8811384	9.674731	9.945044	78
23	4730121	8810559	9.674872	9.945003	77
24	4731659	8809733	9.675013	9.944963	76
25	4733196	8808907	9.675154	9.944922	75
26	4734734	8808081	9.675295	9.944881	74
27	4736271	8807254	9.675436	9.944840	73
28	4737808	8806428	9.675577	9.944800	72
29	4739345	8805601	9.675718	9.944759	71
30	4740882	8804773	9.675859	9.944718	70
31	4742419	8803946	9.676000	9.944677	69
32	4743955	8803118	9.676140	9.944636	68
33	4745491	8802290	9.676281	9 944595	67
		Sinus		Log. Sin	M

GRAD. 61

28 GRAD.

M	Tangen		Log.Tan		
0	5317094	18807264	9.725674	10.274325	
1	5319333	18799348	9.725857	10.274143	99
2	5321572	18791437	9.726040	10.273961	98
3	5323812	18783531	9.726223	10.273777	97
4	5326052	18775631	9.726405	10.273594	96
5	5328293	18767735	9.726588	10.273412	95
6	5330534	18759845	9.726771	10.273229	94
7	5332776	18751960	9.726953	10.273046	93
8	5335018	18744080	9.727136	10.272864	92
9	5337260	18736205	9.727318	10.272681	91
10	5339503	18728336	9.727501	10.272499	90
11	5341746	18720471	9.727683	10.272317	89
12	5343989	18712612	9.727865	10.272134	68
13	5346233	18704757	9.728048	10.271952	87
14	5348478	18696908	9.728230	10.271770	86
15	5350722	18689064	9.728412	10.271587	85
16	5352968	1868 1225	9.728594	10.271405	84
17	5355213	18673392	9.728777	10.271223	83
18	5357459	18665563	9.728959	10.271041	82
19	5359706	18657739	9.729141	10.270859	81
20	5361953	18649921	9.729323	10.270677	80
21	5364200	18642108	9.729505	10.270495	79
22	5366448	18634299	9.729687	10.270313	78
23	5368695	18626496	9.729869	10.270131	77
24	5370945	18618698	9.730050	10.269949	76
25	5373194	18610905	9.730232	10.269767	75
26	5375443	18603117	9.730414	10.269586	74
27	5377693	18595334	9.730596	10.269404	73
28	5379943	18587556	9.730778	10.269222	72
29	5382194	18579783	9.730959	10.269040	71
30	5384445	18572015	9.731141	10.258859	70
31	5386697	18564252	9.731322	10.268677	59
32	5388949	18556495	9.731504	10.268496	68
33	5391201	18548742	9.731685	10.268314	67
		Tangens		Log. Tan.	M

GRAD. 61.

M	Sinus		Log.Sin.		
33	4745491	8802290	9.676281	9.944595	57
34	4747028	8801461	9.676422	9.944555	66
35	4748564	8800633	9.676562	9.944514	65
36	4750100	8799804	9.676703	9.944473	64
37	4751635	8798975	9.676843	9.944432	63
38	4753171	8798145	9.676983	9.944391	62
39	4754707	8797316	9.677124	9.944350	61
40	4756242	8796486	9.677264	9.944309	60
41	4757777	8795655	9.677404	9.944268	59
42	4759312	8794825	9.677544	9.944227	58
43	4760847	8793994	9.677684	9.944186	57
44	4762382	8793163	9.677824	9.944145	56
45	4763916	8792332	9.677964	9.944104	55
46	4765451	8791500	9.678104	9.944063	54
47	4766985	8790668	9.678244	9.944022	53
48	4768519	8789836	9.678383	9.943981	52
49	4770054	8789004	9 678523	9.943939	51
50	4771587	8788171	9.678663	9.943898	50
51	4773121	8787338	9.678802	9.943857	49
52	4774655	8786505	9.678942	9.943816	48
53	4776188	8785671	9.679081	9.943775	47
54	4777722	8784838	9.679221	9.943734	46
55	4779255	8784004	9.679360	9.943692	45
56	4780788	8783169	9.679499	9.943651	44
57	4782321	8782335	9.679639	9.943610	43
58	4783853	8781500	9.679778	9.943569	42
59	4785386	8780665	9.679917	9.943527	41
60	4786918	8779830	9.680056	9.943486	40
61	4788451	8778994	9.680195	9.943445	39
62	4789983	8778158	9.680334	9.943403	38
63	4791515	8777322	9.680473	9.943362	37
64	4793047	8776486	9.680611	9.943320	36
65	4794578	8775649	9.680750	9.943279	35
66	4796110	8774812	9.680889	9.943237	34
		Sinus		Log.Sin.	M

M	Tangen		Log. Tan		
33	5391201	18548742	9.731685	10.268314	67
34	5393454	18540994	9.731867	10.268133	66
35	5395707	18533251	9.732048	10.267951	65
36	5397961	18525514	9.732230	10.267770	64
37	5400215	18517781	9.732411	10.267589	63
38	5402469	18510053	9.732592	10.267407	62
39	5404724	18502331	9.732773	10.267226	61
40	5406980	18494613	9.732955	10.267045	60
41	5409236	18486900	9.733136	10.266864	59
42	5411492	18479192	9.733317	10.266683	58
43	5413748	18471490	9.733498	10.266502	57
44	5416005	18463792	9.733679	10.266321	56
45	5418263	18456099	9.733860	10.266140	55
46	5420521	18448411	9.734041	10.265959	54
47	5422779	18440728	9.734222	10.265778	53
48	5425038	18433050	9.734403	10.265597	52
49	5427297	18425377	9.734583	10.265416	51
50	5429557	18417709	9.734764	10.265235	50
51	5431817	18410045	9.734945	10.265055	49
52	5434077	18402387	9.735126	10.264874	48
53	5436338	18394734	9.735306	10.264693	47
54	5438600	18387085	9.735487	10.264513	46
55	5440861	18379442	9.735667	10.264332	45
56	5443124	18371803	9.735848	10.264152	44
57	5445386	18364169	9.736029	10.263972	43
58	5447649	18356540	9.736209	10.263791	42
59	5449913	18348916	9.736389	10.263610	41
60	5452177	18341297	9.736570	10.263430	40
61	5454441	18333683	9.736750	10.263250	39
62	5456706	18326074	9.736930	10.263069	38
63	5458971	18318469	9.737111	10.262889	37
64	5461237	18310870	9.737291	10.262709	36
65	5463503	18303275	9.737471	10.262529	35
66	5465769	18295685	9.737651	10.262348	34
		Tangen		Log. Tan.	M

28 GRAD.

M	Sinus		Log.Sin.		
67	4797641	8773975	9.681028	9.943196	33
68	4799173	8773137	9.681166	9.943155	32
69	4800704	8772299	9.681305	9.943113	31
70	4802235	8771461	9.681443	9.943072	30
71	4803766	8770623	9.681582	9.943030	29
72	4805296	8769785	9.681720	9.942989	28
73	4806827	8768946	9.681858	9.942947	27
74	4808357	8768107	9.681997	9.942906	26
75	4809887	8767267	9.682135	9.942864	25
76	4811418	8766428	9.682273	9.942822	24
77	4812948	8765588	9.682411	9.942781	23
78	4814477	8764748	9.682549	9.942739	22
79	4816007	8763907	9.682687	9.942698	21
80	4817537	8763067	9.682825	9.942656	20
81	4819066	8762226	9.682963	9.942614	19
82	4820595	8761384	9.683109	9.942573	18
83	4822124	8760543	9.683238	9.942531	17
84	4823653	8759701	9.683376	9.942489	16
85	4825182	8758859	9.683514	9.942447	15
86	4826711	8758017	9.683651	9.942406	14
87	4828239	8757174	9.683789	9.942364	13
88	4829767	8756332	9.683926	9.942322	12
89	4831296	8755488	9.684063	9.942280	11
90	4832824	8754645	9.684201	9.942238	10
91	4834352	8753801	9.684338	9.942197	9
92	4835879	8752958	9.684475	9.942155	8
93	4837407	8752113	9.684612	9.942113	7
94	4838934	8751269	9.684750	9.942071	6
95	4840462	8750424	9.684887	9.942029	5
96	4841989	8749579	9.685024	9.941987	4
97	4843516	8748734	9.685161	9.941945	3
98	4845043	8747889	9.685297	9.941903	2
99	4846569	8747043	9.685434	9.941861	1
	4848096	8746197	9.685571	9.941819	0
		Sinus		Log.Sin.	M

GRAD. 61

M	Tangen		Log.Tan		
67	5468036	18288100	9.737831	10.262168	33
68	5470304	18280520	9.738011	10.261988	32
69	5472572	18272944	9.738191	10.261808	31
70	5474840	18265373	9.738371	10.261628	30
71	5477109	18257808	9.738551	10.261448	29
72	5479378	18250247	9.738731	10.261269	28
73	5481647	18242691	9.738911	10.261089	27
74	5483917	18235139	9.739091	10.260909	26
75	5486188	18227593	9.739270	10.260729	25
76	5488459	18220051	9 739450	10.260549	24
77	5490730	18212514	9.739630	10.260370	23
78	5493002	18204982	9.739810	10.260190	22
79	5495274	18197455	9.739989	10.260010	21
80	5497546	18189932	9.740169	10.259831	20
81	5499819	18182414	9.740348	10.259651	19
82	5502093	18174901	9.740528	10.259472	18
83	5504367	18167393	9.740707	10.259292	17
84	5506641	18159890	9.740887	10.259113	16
85	5508916	18152391	9.741066	10.258934	15
86	5511191	18144897	9.741245	10.258754	14
87	5513467	18137408	9.741425	10.258575	13
88	5515743	18129923	9.741604	10.258396	12
89	5518019	18122444	9 741783	10.258217	11
90	5520296	18114969	9.741962	10.258037	10
91	5522574	18107498	9.742141	10.257858	9
92	5524852	18100033	9.742320	10.257679	8
93	5527130	18092572	9.742499	10.257500	7
94	5529409	18085116	9.742679	10.257321	6
95	5531688	18077664	9.742857	10.257142	5
96	5533967	18070217	9.743036	10.256963	4
97	5536248	18062775	9.743215	10.256784	3
98	5538528	18055338	9.743394	10.256605	2
99	5540809	18047905	9.743573	10 256427	1
	5543090	18040477	9.743752	10.256248	0
		Tangens		Log.Tang	M

29 GRAD.

M	Sinus		*Log.Sin.*		
0	4848096	8746197	9.685571	9.941819	
1	4849622	8745351	9.685708	9.941777	99
2	4851149	8744504	9.685844	9.941735	98
3	4852675	8743657	9.685981	9.941693	97
4	4854201	8742810	9.686118	9.941651	96
5	4855727	8741963	9.686254	9.941609	95
6	4857252	8741115	9.686390	9.941567	94
7	4858778	8740267	9.686527	9.941525	93
8	4860303	8739419	9.686663	9.941482	92
9	4861829	8738571	9.686799	9.941440	91
10	4863354	8737722	9.686936	9.941398	90
11	4864879	8736873	9.687072	9.941356	89
12	4866403	8736024	9.687208	9.941314	88
13	4867928	8735174	9.687344	9.941271	87
14	4869452	8734325	9.687480	9.941229	86
15	4870977	8733475	9.687616	9.941187	85
16	4872501	8732624	9.687752	9.941145	84
17	4874025	8731774	9.687888	9.941102	83
18	4875549	8730923	9.688023	9.941060	82
19	4877073	8730072	9.688159	9.941018	81
20	4878596	8729221	9.688295	9.940975	80
21	4880120	8728369	9.688430	9.940933	79
22	4881643	8727517	9.688566	9.940891	78
23	4883166	8726665	9.688701	9.940848	77
24	4884689	8725813	9.688837	9.940806	76
25	4886212	8724960	9.688972	9.940763	75
26	4887735	8724107	9.689107	9.940721	74
27	4889258	8723254	9.689243	9.940678	73
28	4890780	8722400	9.689378	9.940636	72
29	4892302	8721547	9.689513	9.940593	71
30	4893824	8720693	9.689648	9.940551	70
31	4895346	8719838	9.689783	9.940508	69
32	4896868	8718984	9.689918	9.940466	68
33	4898390	8718129	9.690053	9 940423	67
		Sinus		*Log.Sin*	M

GRAD. 60

M	Tangen		Log. Tan		
0	5543090	18040477	9.743752	10.256248	
1	5545372	18033055	9.743931	10.256069	99
2	5547654	18025635	9.744109	10.255890	98
3	5549937	18018221	9.744288	10.255712	97
4	5552220	18010812	9.744467	10.255533	96
5	5554504	18003407	9.744645	10.255355	95
6	5556788	17996007	9.744824	10.255176	94
7	5559072	17988612	9.745002	10.254997	93
8	5561357	17981221	9.745181	10.254819	92
9	5563643	17973835	9.745359	10.254641	91
10	5565928	17966454	9.745537	10.254462	90
11	5568215	17959077	9.745716	10.254284	89
12	5570501	17951705	9.745894	10.254106	88
13	5572788	17944337	9.746072	10.253927	87
14	5575076	17936974	9.746251	10.253750	86
15	5577364	17929616	9.746429	10.253571	85
16	5579653	17922262	9.746607	10.253393	84
17	5581941	17914913	9.746785	10.253215	83
18	5584231	17907568	9.746963	10.253036	82
19	5586521	17900228	9.747141	10.252858	81
0	5588811	17892893	9.747319	10.252680	80
1	5591102	17885562	9.747497	10.252502	79
2	5593393	17878236	9.747675	10.252324	78
3	5595684	17870914	9.747853	10.252147	77
4	5597976	17863597	9.748031	10.251969	76
5	5600269	17856285	9.748209	10.251791	75
6	5602562	17848977	9.748386	10.251613	74
7	5604855	17841673	9.748564	10.251435	73
8	5607149	17834374	9.748742	10.251258	72
9	5609443	17827080	9.748920	10.251080	71
0	5611738	17819790	9.749097	10.250902	70
1	5614033	17812505	9.749275	10.250725	69
2	5616329	17805224	9.749452	10.250547	68
3	5618625	17797948	9.749630	10.250370	67
		Tangens		Log. Tang	M

M	Sinus		Log. Sin.		
33	4898390	8718129	9.690053	9.940423	67
34	4899911	8717274	9.690188	9.940381	66
35	4901433	8716419	9.690323	9.940338	65
36	4902954	8715563	9.690458	9.940295	64
37	4904475	8714707	9.690592	9.940253	63
38	4905996	8713851	9.690727	9.940210	62
39	4907517	8712995	9.690862	9.940167	61
40	4909037	8712138	9.690996	9.940125	60
41	4910558	8711281	9.691131	9.940082	59
42	4912078	8710424	9.691265	9.940039	58
43	4913598	8709566	9.691399	9.939996	57
44	4915118	8708709	9.691534	9.939954	56
45	4916638	8707851	9.691668	9.939911	55
46	4918158	8706992	9.691802	9.939868	54
47	4919678	8706134	9.691936	9.939825	53
48	4921197	8705275	9.692071	9.939782	52
49	4922716	8704416	9.692205	9.939739	51
50	4924235	8703557	9.692339	9.939697	50
51	4925754	8702697	9.692473	9.939654	49
52	4927273	8701837	9.692606	9.939611	48
53	4928792	8700977	9.692740	9.939568	47
54	4930310	8700117	9.692874	9.939525	46
55	4931829	8699256	9.693008	9.939482	45
56	4933347	8698395	9.693141	9.939439	44
57	4934865	8697534	9.693275	9.939396	43
58	4936383	8696673	9.693409	9.939353	42
59	4937901	8695811	9.693542	9.939310	41
60	4939418	8694949	9.693676	9.939267	40
61	4940936	8694087	9.693809	9.939224	39
62	4942453	8693224	9.693942	9.939181	38
63	4943970	8692362	9.694076	9.939138	37
64	4945487	8691499	9.694209	9.939094	36
65	4947004	8690635	9.694342	9.939051	35
66	4948521	8689772	9.694475	9.939008	34
		Sinus		Log. Sin.	M

M	Tangen		Log. Tan		
33	5618625	17797948	9.749630	10.250370	67
34	5620922	17790676	9.749807	10.250192	66
35	5623219	17783409	9.749985	10.250015	65
36	5625516	17776146	9.750162	10.249837	64
37	5627814	17768888	9.750340	10.249660	63
38	5630113	17761635	9.750517	10.249483	62
39	5632411	17754385	9.750694	10.249305	61
40	5634710	17747141	9.750871	10.249128	60
41	5637010	17739901	9.751049	10.248951	59
42	5639310	17732665	9.751226	10.248774	58
43	5641611	17725434	9.751403	10.248597	57
44	5643912	17718207	9.751580	10.248420	56
45	5646213	17710985	9.751757	10.248243	55
46	5648515	17703767	9.751934	10.248065	54
47	5650818	17696553	9.752111	10.247888	53
48	5653120	17689344	9.752288	10.247712	52
49	5655424	17682140	9.752465	10.247535	51
50	5657728	17674940	9.752642	10.247358	50
51	5660032	17667744	9.752819	10.247181	49
52	5662337	17660553	9.752995	10.247004	48
53	5664642	17653367	9 753172	10.246827	47
54	5666947	17646184	9.753349	10.246651	46
55	5669253	17639006	9.753526	10.246474	45
56	5671560	17531833	9.753702	10.246297	44
57	5673867	17624664	9.753879	10.246121	43
58	5676174	17617499	9.754056	10.245944	42
59	5678482	17610339	9.754232	10.245768	41
60	5680790	17603183	9.754409	10.245591	40
61	5683099	17596032	9.754585	10.245415	39
62	5685409	17588885	9.754761	10.245238	38
63	5687718	17581742	9.754938	10.245062	37
64	5690028	17574604	9.755114	10.244885	36
65	5692339	17567470	9.755291	10.244709	35
66	5694650	17560341	9.755467	10.244533	34
		Tangens		Log. Tan.	M

M	Sinus		Log.Sin.		
67	4950038	8688908	9.694608	9.938965	33
68	4951554	8688044	9.694741	9.938922	32
69	4953070	8687180	9.694874	9.938879	31
70	4954586	8686315	9.695007	9.938835	30
71	4956102	8685450	9.695140	9.938792	29
72	4957618	8684585	9.695273	9.938749	28
73	4959134	8683720	9.695406	9.938706	27
74	4960649	8682854	9.695538	9.938662	26
75	4962165	8681988	9.695671	9.938619	25
76	4963680	8681121	9.695804	9.938576	24
77	4965195	8680255	9.695936	9.938532	23
78	4966710	8679389	9.696069	9.938489	22
79	4968225	8678522	9.696201	9.938446	21
80	4969740	8677654	9.696333	9.938402	20
81	4971254	8676787	9.696466	9.938359	19
82	4972768	8675919	9.696598	9.938315	18
83	4974282	8675051	9.696730	9.938272	17
84	4975796	8674183	9.696862	9.938228	16
85	4977310	8673314	9.696995	9.938185	15
86	4978824	8672445	9.697127	9.938141	14
87	4980337	8671576	9.697259	9.938098	13
88	4981851	8670707	9.697391	9.938054	12
89	4983364	8669837	9.697522	9.938011	11
90	4984877	8668967	9.697654	9.937967	10
91	4986390	8668097	9.697786	9.937924	9
92	4987903	8667227	9.697918	9.937880	8
93	4989416	8666356	9.698049	9.937836	7
94	4990928	8665485	9.698181	9.937793	6
95	4992440	8664614	9.698313	9.937749	5
96	4993953	8663742	9.698444	9.937705	4
97	4995465	8662871	9.698576	9.937662	3
98	4996976	8661999	9.698707	9.937618	2
99	4998488	8661126	9.698838	9.937574	1
	5000000	8660254	9.698970	9.937530	0
		Sinus		Log. Sin	M

M	Tangen		Log.Tan		
67	5696962	17553215	9.755643	10.244356	33
68	5699274	17546095	9.755820	10.244180	32
69	5701586	17538978	9.755996	10.244004	31
70	5703900	17531866	9.756172	10.243828	30
71	5706212	17524758	9.756348	10.243652	29
72	5708526	17517655	9.756524	10.243476	28
73	5710841	17510556	9.756700	10.243300	27
74	5713155	17503461	9.756876	10.243124	26
75	5715471	17496371	9.757052	10.242948	25
76	5717786	17489285	9.757228	10.242772	24
77	5720103	17482203	9.757404	10.242596	23
78	5722419	17475126	9.757579	10.242420	22
79	5724736	17468053	9.757755	10.242244	21
80	5727054	17460984	9.757931	10.242069	20
81	5729372	17453920	9.758107	10.241893	19
82	5731690	17446860	9.758283	10.241717	18
83	5734009	17439804	9.758458	10.241541	17
84	5736329	17432752	9.758634	10.241366	16
85	5738649	17425705	9.758809	10.241190	15
86	5740969	17418662	9.758985	10.241015	14
87	5743290	17411623	9.759161	10.240839	13
88	5745611	17404589	9.759336	10.240664	12
89	5747933	17397559	9.759511	10 240488	11
90	5750255	17390533	9.759687	10.240313	10
91	5752578	17383511	9.759862	10.240137	9
92	5754901	17376494	9.760038	10.239962	8
93	5757224	17369481	9.760213	10.239787	7
94	5759548	17362472	9.760388	10.239611	6
95	5761873	17355467	9.760563	10.239436	5
96	5764198	17348467	9.760739	10.239261	4
97	5766523	17341471	9.760914	10.239086	3
98	5768849	17334479	9.761089	10.238911	2
99	5771176	17327491	9.761264	10.238735	1
	5773502	17320508	9.761439	10.238560	0
		Tangens		Log.Tang.	M

30 GRAD.

M	Sinus		Log.Sin.		
0	5000000	8660254	9.698970	9.937530	
1	5001511	8659381	9.699101	9.937487	99
2	5003022	8658508	9.699232	9.937443	98
3	5004534	8657635	9.699363	9.937399	97
4	5006045	8656761	9.699495	9.937355	96
5	5007555	8655887	9.699626	9.937311	95
6	5009066	8655013	9.699757	9.937268	94
7	5010577	8654139	9.699888	9.937224	93
8	5012087	8653264	9.700018	9.937180	92
9	5013597	8652389	9.700149	9.937136	91
10	5015107	8651514	9.700280	9.937092	90
11	5016617	8650639	9.700411	9.937048	89
12	5018127	8649763	9.700541	9.937004	88
13	5019636	8648887	9.700672	9.936960	87
14	5021146	8648011	9.700803	9.936916	86
15	5022655	8647134	9.700933	9.936872	85
16	5024164	8646257	9.701064	9.936828	84
17	5025673	8645380	9.701194	9.936784	83
18	5027182	8644503	9.701324	9.936740	82
19	5028691	8643626	9.701455	9.936696	81
20	5030199	8642748	9.701585	9.936652	80
21	5031708	8641870	9.701715	9.936608	79
22	5033216	8640991	9.701845	9.936563	78
23	5034724	8640113	9.701975	9.936519	77
24	5036232	8639234	9.702106	9.936475	76
25	5037740	8638355	9.702236	9.936431	75
26	5039247	8637475	9.702365	9.936387	74
27	5040755	8636596	9.702495	9.936342	73
28	5042262	8635716	9.702625	9.936298	72
29	5043769	8634836	9.702755	9.936254	71
30	5045276	8633955	9.702885	9.936210	70
31	5046783	8633075	9.703014	9.936165	69
32	5048290	8632194	9.703144	9.936121	68
33	5049796	8631312	9.703274	9.936077	67
		Sinus		Log.Sin.	M

GRAD. 59

M	Tangen		*Log.Tan*		
0	5773502	17320508	9.761439	10.238560	
1	5775830	17313529	9.761614	10.238385	99
2	5778158	17306554	9.761789	10.238210	98
3	5780486	17299583	9.761964	10 238035	97
4	5782815	17292616	9.762139	10.237861	96
5	5785144	17285654	9.762314	10.237686	95
6	5787474	17278696	9.762489	10.237511	94
7	5789804	17271742	9.762664	10.237336	93
8	5792134	17264792	9.762838	10.237161	92
9	5794465	17257846	9.763013	10.236986	91
10	5796797	17250905	9.763188	10.236812	90
11	5799129	17243968	9.763363	10.236637	89
12	5801462	17237035	9.763537	10.236462	88
13	5803795	17230106	9.763712	10.236288	87
14	5806128	17223181	9.763886	10.236113	86
15	5808462	17216261	9.764061	10.235939	85
16	5810796	17209344	9.764235	10.235764	84
17	5813131	17202432	9.764410	10.235590	83
18	5815467	17195524	9.764585	10.235415	82
19	5817802	17188620	9.764759	10.235241	81
20	5820139	17181720	9.764933	10.235066	80
21	5822476	17174824	9.765107	10.234892	79
22	5824813	17167933	9.765282	10.234718	78
23	5827151	17161045	9.765456	10.234544	77
24	5829489	17154162	9.765630	10.234369	76
25	5831827	17147283	9.765804	10.234195	75
26	5834167	17140408	9.765979	10.234021	74
27	5836506	17133537	9.766153	10.233847	73
28	5838846	17126670	9.766327	10.233673	72
29	5841187	17119807	9.766501	10.233499	71
30	5843528	17112949	9.766675	10.233325	70
31	5845870	17106094	9.766849	10.233151	69
32	5848212	17099244	9.767023	10.232977	68
33	5850554	17092397	9 767197	10.232803	67
		Tangens		*Log.Tang*	M

30 GRAD.

M	Sinus		Log.Sin.		
33	5049796	8631312	9.703274	9.936077	67
34	5051302	8630431	9.703403	9.936032	66
35	5052809	8629549	9.703533	9.935988	65
36	5054315	8628667	9.703662	9.935944	64
37	5055821	8627785	9.703791	9.935899	63
38	5057326	8626902	9.703921	9.935855	62
39	5058832	8626020	9.704050	9.935810	61
40	5060337	8625136	9.704179	9.935766	60
41	5061843	8624253	9.704308	9.935721	59
42	5063348	8623370	9.704438	9.935677	58
43	5064853	8622486	9.704567	9.935632	57
44	5066358	8621602	9.704696	9.935588	56
45	5067862	8620717	9.704825	9.935543	55
46	5069367	8619833	9.704954	9.935499	54
47	5070871	8618948	9.705082	9.935454	53
48	5072375	8618063	9.705211	9.935409	52
49	5073880	8617177	9.705340	9.935365	51
50	5075383	8616291	9.705469	9.935320	50
51	5076887	8615405	9.705597	9.935276	49
52	5078391	8614519	9.705726	9.935231	48
53	5079894	8613633	9.705854	9.935186	47
54	5081397	8612746	9.705983	9.935141	46
55	5082901	8611859	9.706111	9.935097	45
56	5084404	8610971	9.706240	9.935052	44
57	5085906	8610084	9.706368	9.935007	43
58	5087409	8609196	9.706496	9.934962	42
59	5088912	8608308	9.706625	9.934918	41
60	5090414	8607420	9.706753	9.934873	40
61	5091916	8606531	9.706881	9.934828	39
62	5093418	8605643	9.707009	9.934783	38
63	5094920	8604754	9.707137	9.934738	37
64	5096422	8603864	9.707265	9.934693	36
65	5097923	8602975	9.707393	9.934648	35
66	5099425	8602085	9.707521	9.934604	34
		Sinus		Log.Sin.	M

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M	Tangen		*Log.Tan*		
33	5850554	17092397	9.767197	10.232803	67
34	5852897	17085555	9.767371	10.232629	66
35	5855240	17078717	9.767545	10.232455	65
36	5857584	17071883	9.767719	10.232281	64
37	5859929	17065053	9.767892	10.232107	63
38	5862274	17058227	9.768066	10.231934	62
39	5864619	17051405	9.768240	10.231760	61
40	5866965	17044587	9.768413	10.231586	60
41	5869311	17037773	9.768587	10.231413	59
42	5871658	17030964	9.768761	10.231239	58
43	5874005	17024158	9.768934	10.231065	57
44	5876353	17017356	9.769108	10.230892	56
45	5878701	17010559	9.769281	10.230718	55
46	5881050	17003765	9.769455	10.230545	54
47	5883399	16996975	9.769628	10.230371	53
48	5885749	16990190	9.769802	10.230198	52
49	5888100	16983408	9.769975	10.230025	51
50	5890450	16976631	9.770148	10.229851	50
51	5892801	16969858	9.770322	10.229678	49
52	5895153	16963088	9.770495	10.229505	48
53	5897505	16956323	9.770668	10.229331	47
54	5899857	16949561	9.770841	10.229158	46
55	5902211	16942804	9.771015	10.228985	45
56	5904564	16936050	9.771188	10.228812	44
57	5906918	16929301	9.771361	10.228639	43
58	5909273	16922555	9.771534	10.228466	42
59	5911628	16915814	9.771707	10.228293	41
60	5913983	16909076	9.771880	10.228120	40
61	5916339	16902343	9.772053	10.227947	39
62	5918696	16895613	9.772226	10.227774	38
63	5921053	16888888	9.772399	10.227601	37
64	5923410	16882166	9.772572	10.227428	36
65	5925768	16875448	9.772744	10.227255	35
66	5928127	16868735	9.772917	10.227082	34
		Tangens		*Log. Tan.*	M

M	Sinus		Log.Sin.		
67	5100926	8601195	9.707649	9.934559	33
68	5102427	8600304	9.707777	9.934514	32
69	5103928	8599413	9.707904	9.934469	31
70	5105429	8598523	9.708032	9.934424	30
71	5106930	8597631	9.708160	9.934379	29
72	5108430	8596740	9.708287	9.934334	28
73	5109930	8595848	9.708415	9.934289	27
74	5111431	8594956	9.708542	9.934243	26
75	5112931	8594064	9.708670	9.934198	25
76	5114431	8593171	9.708797	9.934153	24
77	5115930	8592279	9.708924	9.934108	23
78	5117430	8591386	9.709052	9.934063	22
79	5118929	8590492	9.709179	9.934018	21
80	5120428	8589599	9.709306	9.933973	20
81	5121928	8588705	9.709433	9.933927	19
82	5123426	8587811	9.709560	9.933882	18
83	5124925	8586917	9.709687	9.933837	17
84	5126424	8586022	9.709814	9.933792	16
85	5127922	8585127	9.709941	9.933747	15
86	5129421	8584232	9.710068	9.933701	14
87	5130919	8583337	9.710195	9.933656	13
88	5132417	8582441	9.710322	9.933611	12
89	5133915	8581545	9.710448	9.933565	11
90	5135412	8580649	9.710575	9.933520	10
91	5136910	8579752	9.710702	9.933475	9
92	5138407	8578856	9.710828	9.933429	8
93	5139904	8577959	9.710955	9.933384	7
94	5141401	8577062	9.711081	9.933338	6
95	5142898	8576164	9.711208	9.933293	5
96	5144395	8575266	9.711334	9.933247	4
97	5145892	8574368	9.711461	9.933202	3
98	5147388	8573470	9.711587	9.933156	2
99	5148884	8572572	9.711713	9.933111	1
	5150381	8571673	9.711839	9.933065	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
67	5930486	16862025	9.773090	10.226910	33
68	5932845	16855319	9.773263	10.226737	32
69	5935205	16848617	9.773436	10.226564	31
70	5937565	16841919	9.773608	10.226391	30
71	5939926	16835225	9.773781	10.226219	29
72	5942288	16828535	9.773953	10.226046	28
73	5944649	16821849	9.774126	10.225874	27
74	5947012	16815167	9.774299	10.225701	26
75	5949375	16808489	9.774471	10.225528	25
76	5951738	16801814	9.774644	10.225356	24
77	5954102	16795144	9.774816	10.225184	23
78	5956466	16788477	9.774988	10.225011	22
79	5958831	16781815	9.775161	10.224839	21
80	5961196	16775156	9.775333	10.224666	20
81	5963562	16768501	9.775505	10.224494	19
82	5965928	16761850	9.775678	10.224322	18
83	5968295	16755203	9.775850	10.224149	17
84	5970662	16748560	9.776022	10.223977	16
85	5973030	16741921	9.776195	10.223805	15
86	5975398	16735285	9.776367	10.223633	14
87	5977767	16728654	9.776539	10.223461	13
88	5980136	16722026	9.776711	10.223289	12
89	5982506	16715402	9.776883	10.223117	11
90	5984876	16708782	9.777055	10.222945	10
91	5987247	16702166	9.777227	10.222773	9
92	5989618	16695554	9.777399	10.222601	8
93	5991990	16688946	9.777571	10.222429	7
94	5994362	16682341	9.777743	10.222257	6
95	5996735	16675740	9.777915	10.222085	5
96	5999108	16669144	9.778087	10.221913	4
97	6001482	16662551	9.778258	10.221741	3
98	6003856	16655961	9.778430	10.221570	2
99	6006231	16649376	9.778602	10.221398	1
	6008606	16642795	9.778774	10.221226	0
		Tangens		Log.Tang	M

31 GRAD.

M	Sinus		*Log. Sin.*		
0	5150381	8571673	9.711839	9.933065	
1	5151877	8570774	9.711965	9.933020	99
2	5153372	8569874	9.712091	9.932974	98
3	5154868	8568975	9.712217	9.932929	97
4	5156363	8568075	9.712343	9.932883	96
5	5157859	8567175	9.712469	9.932837	95
6	5159354	8566275	9.712595	9.932792	94
7	5160849	8565374	9.712721	9.932746	93
8	5162344	8564473	9.712847	9.932700	92
9	5163839	8563572	9.712972	9.932655	91
10	5165333	8562671	9.713098	9.932609	90
11	5166827	8561769	9.713224	9.932563	89
12	5168322	8560867	9.713349	9.932518	88
13	5169816	8559965	9.713475	9.932472	87
14	5171310	8559062	9.713600	9.932426	86
15	5172803	8558160	9.713726	9.932380	85
16	5174297	8557257	9.713851	9.932334	84
17	5175791	8556354	9.713977	9.932289	83
18	5177284	8555450	9.714102	9.932243	82
19	5178777	8554546	9.714227	9.932197	81
20	5180270	8553642	9.714352	9.932151	80
21	5181763	8552738	9.714477	9.932105	79
22	5183255	8551834	9.714602	9.932059	78
23	5184748	8550929	9.714727	9.932013	77
24	5186240	8550024	9.714852	9.931967	76
25	5187732	8549119	9.714977	9.931921	75
26	5189224	8548213	9.715102	9.931875	74
27	5190716	8547307	9.715227	9.931829	73
28	5192208	8546401	9.715352	9.931783	72
29	5193700	8545495	9.715477	9.931737	71
30	5195191	8544588	9.715601	9.931691	70
31	5196682	8543681	9.715726	9.931645	69
32	5198173	8542774	9.715851	9.931599	68
33	5199664	8541866	9.715975	9.931553	67
		Sinus		*Log. Sin.*	M

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31 GRAD.

M	Tangen		Log.Tan		
0	6008606	16642795	9.778774	10.221226	
1	6010982	16636217	9.778945	10.221054	99
2	6013358	16629643	9.779117	10.220883	98
3	6015735	16623073	9.779288	10.220711	97
4	6018112	16616507	9.779460	10.220540	96
5	6020489	16609944	9.779632	10.220368	95
6	6022868	16603386	9.779803	10.220196	94
7	6025246	16596831	9.779975	10.220025	93
8	6027626	16590280	9.780146	10.219854	92
9	6030005	16583733	9.780318	10.219682	91
10	6032385	16577189	9.780489	10.219511	90
11	6034766	16570650	9.780660	10.219339	89
12	6037147	16564113	9.780832	10.219168	88
13	6039529	16557582	9.781003	10.218997	87
14	6041911	16551053	9.781174	10.218825	86
15	6044294	16544529	9.781345	10.218654	85
16	6046677	16538008	9.781517	10.218483	84
17	6049061	16531491	9.781688	10.218312	83
18	6051445	16524978	9.781859	10.218141	82
19	6053830	16518458	9.781030	10.217970	81
20	6056215	16511962	9.782201	10.217798	80
21	6058601	16505460	9.782372	10.217627	79
22	6060987	16498962	9.782543	10.217456	78
23	6063374	16492468	9.782714	10.217285	77
24	6065761	16485977	9.782885	10.217114	76
25	6068149	16479490	9.783056	10.216944	75
26	6070537	16473006	9.783227	10.216773	74
27	6072926	16466527	9.783398	10.216602	73
28	6075315	16460051	9.783569	10.216431	72
29	6077705	16453579	9.783739	10.216260	71
30	6080095	16447110	9.783910	10.216089	70
31	6082486	16440646	9.784081	10.215919	69
32	6084877	16434185	9.784252	10.215748	68
33	6087269	16427727	9.784422	10.215577	67
		Tangens		Log. Tan.	M

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31 GRAD.

M	Sinus		Log.Sin.		
33	5199664	8541867	9.715975	9.931553	67
34	5201155	8540959	9.716100	9.931506	66
35	5202645	8540051	9.716224	9.931460	65
36	5204136	8539143	9.716348	9.931414	64
37	5205626	8538235	9.716473	9.931368	63
38	5207116	8537326	9.716597	9.931322	62
39	5208606	8536417	9.716721	9.931275	61
40	5210096	8535508	9.716846	9.931229	60
41	5211586	8534598	9.716970	9.931183	59
42	5213075	8533689	9.717094	9.931137	58
43	5214565	8532779	9.717218	9.931090	57
44	5216054	8531868	9.717342	9.931044	56
45	5217543	8530958	9.717466	9.930998	55
46	5219032	8530047	9.717590	9.930951	54
47	5220520	8529136	9.717714	9.930905	53
48	5222009	8528225	9.717837	9.930858	52
49	5223497	8527313	9.717961	9.930812	51
50	5224985	8526401	9.718085	9.930766	50
51	5226474	8525489	9.718209	9.930719	49
52	5227961	8524577	9.718332	9.930673	48
53	5229449	8523664	9.718456	9.930626	47
54	5230937	8522752	9.718579	9.930580	46
55	5232424	8521839	9.718703	9.930533	45
56	5233911	8520925	9.718826	9.930487	44
57	5235399	8520012	9.718950	9.930440	43
58	5236885	8519098	9.719073	9.930393	42
59	5238372	8518184	9.719196	9.930347	41
60	5239859	8517269	9.719319	9.930300	40
61	5241345	8516354	9.719443	9.930254	39
62	5242832	8515440	9.719566	9.930207	38
63	5244318	8514524	9.719689	9.930160	37
64	5245804	8513609	9.719815	9.930114	36
65	5247290	8512693	9.719932	9.930067	35
66	5248775	8511777	9.720058	9.930020	34
		Sinus		Log.Sin.	M

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M	Tangen		Log.Tan		
33	6087269	16427727	9.784422	10.215577	67
34	6089661	16421274	9.784593	10.215407	66
35	6092054	16414824	9.784764	10.215236	65
36	6094447	16408378	9.784934	10.215065	64
37	6096841	16401935	9.785105	10.214895	63
38	6099236	16395496	9.785275	10.214724	62
39	6101631	16389061	9.785446	10.214554	61
40	6104026	16382630	9.785616	10.214383	60
41	6106422	16376202	9.785787	10.214213	59
42	6108818	16369778	9.785957	10.214043	58
43	6111215	16363357	9.786127	10.213872	57
44	6113612	16356941	9.786298	10.213702	56
45	6116010	16350527	9.786468	10.213532	55
46	6118409	16344118	9.786638	10.213361	54
47	6120808	16337712	9.786809	10.213191	53
48	6123207	16331310	9.786979	10.213021	52
49	6125607	16324912	9.787149	10.212851	51
50	6128008	16318517	9.787319	10.212680	50
51	6130409	16312125	9.787489	10.212510	49
52	6132810	16305738	9.787659	10.212340	48
53	6135212	16299354	9.787829	10.212170	47
54	6137615	16292974	9.787999	10.212000	46
55	6140018	16286597	9.788169	10.211830	45
56	6142421	16280224	9.788339	10.211660	44
57	6144825	16273854	9.788509	10.211490	43
58	6147230	16267489	9.788679	10.211320	42
59	6149635	16261126	9.788849	10.211150	41
60	6152041	16254768	9.789019	10.210981	40
61	6154447	16248413	9.789189	10.210811	39
62	6156854	16242061	9.789359	10.210641	38
63	6159261	16235714	9.789528	10.210471	37
64	6161669	16229369	9.789698	10.210301	36
65	6164077	16223029	9.789868	10.210132	35
66	6166486	16216692	9.790038	10.209962	34
		Tangen		Log.Tan.	M

31 GRAD.

M	Sinus		*Log. Sin.*		
67	5250261	8510861	9.720181	9.929973	33
68	5251746	8509945	9.720304	9.929927	32
69	5253231	8509028	9.720426	9.929880	31
70	5254716	8508111	9.720549	9.929833	30
71	5256201	8507194	9.720672	9.929786	29
72	5257686	8506276	9.720794	9.929739	28
73	5259170	8505358	9.720917	9.929692	27
74	5260655	8504440	9.721040	9.929646	26
75	5262139	8503522	9.721162	9.929599	25
76	5263623	8502604	9.721285	9.929552	24
77	5265107	8501685	9.721407	9.929505	23
78	5266591	8500766	9.721529	9.929458	22
79	5268074	8499846	9.721652	9.929411	21
80	5269558	8498927	9.721774	9.929364	20
81	5271042	8498007	9.721896	9.929317	19
82	5272524	8497087	9.722018	9.929270	18
83	5274007	8496166	9.722141	9.929223	17
84	5275490	8495246	9.722263	9.929176	16
85	5276972	8494325	9.722385	9.929129	15
86	5278455	8493404	9.722507	9.929082	14
87	5279937	8492482	9.722629	9.929034	13
88	5281419	8491561	9.722750	9.928987	12
89	5282901	8490639	9.722872	9.928940	11
90	5284383	8489717	9.722994	9.928893	10
91	5285865	8488794	9.723116	9.928846	9
92	5287346	8487872	9.723238	9.928799	8
93	5288828	8486949	9.723359	9.928751	7
94	5290309	8486025	9.723481	9.928704	6
95	5291790	8485102	9.723602	9.928657	5
96	5293271	8484178	9.723724	9.928610	4
97	5294751	8483254	9.723845	9.928562	3
98	5296232	8482330	9.723967	9.928515	2
99	5297712	8481406	9.724088	9.928468	1
	5299192	8480481	9.724210	9.928420	0
		Sinus		*Log. Sin.*	M

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31 GRAD.

M	Tangen		Log.Tan		
67	6168895	16210358	9.790207	10.209792	33
68	6171305	16204029	9.790377	10.209623	32
69	6173715	16197702	9.790546	10 209453	31
70	6176126	16191380	9.790716	10.209284	30
71	6178537	16185061	9.790885	10.209114	29
72	6180949	16178745	9.791055	10.208945	28
73	6183361	16172433	9.791224	10.208775	27
74	6185774	16166125	9.791394	10.208606	26
75	6188188	16159820	9.791563	10.208436	25
76	6190602	16153518	9.791733	10.208267	24
77	6193016	16147221	9.791902	10.208098	23
78	6195431	16140926	9.792071	10.207928	22
79	6197846	16134636	9.792241	10.207759	21
80	6200262	16128349	9.792410	10.207590	20
81	6202679	16122065	9.792579	10.207420	19
82	6205096	16115785	9.792748	10.207251	18
83	6207514	16109509	9.792918	10.207082	17
84	6209932	16103236	9.793087	10.206913	16
85	6212350	16096966	9.793256	10.206744	15
86	6214770	16090700	9.793425	10.206575	14
87	6217189	16084438	9.793594	10.206406	13
88	6219610	16078179	9.793763	10 206237	12
89	6222030	16071924	9.793932	10.206068	11
90	6224452	16065672	9 794101	10.205899	10
91	6226873	16059423	9.794270	10.205730	9
92	6229296	16053178	9.794439	10.205561	8
93	6231719	16046937	9.794608	10.205392	7
94	6234142	16040699	9.794777	10.205223	6
95	6236566	16034465	9.794945	10.205054	5
96	6238990	16028234	9.795114	10.204885	4
97	6241415	16022006	9.795283	10.204717	3
98	6243841	16015783	9.795452	10.204548	2
99	6246267	16009562	9.795620	10.204379	1
	6248693	16003345	9.795789	10.204211	0
		Tangens		Log.Tang	M

GRAD. 58

32 GRAD.

M	Sinus		Log.Sin.		
0	5299192	8480481	9.724210	9.928420	
1	5300672	8479556	9.724331	9.928373	99
2	5302152	8478630	9.724452	9.928326	98
3	5303632	8477705	9.724573	9.928278	97
4	5305112	8476779	9.724694	9.928231	96
5	5306591	8475853	9.724815	9.928183	95
6	5308070	8474927	9.724936	9.928136	94
7	5309549	8474000	9.725057	9.928088	93
8	5311028	8473073	9.725178	9.928041	92
9	5312507	8472146	9.725299	9.927993	91
10	5313986	8471219	9.725420	9.927946	90
11	5315464	8470291	9.725541	9.927898	89
12	5316942	8469364	9.725662	9.927851	88
13	5318420	8468435	9.725783	9.927803	87
14	5319898	8467507	9.725903	9.927755	86
15	5321376	8466578	9.726024	9.927708	85
16	5322854	8465650	9.726144	9.927660	84
17	5324331	8464720	9.726265	9.927612	83
18	5325808	8463791	9.726385	9.927565	82
19	5327286	8462861	9.726506	9.927517	81
20	5328763	8461931	9.726626	9.927469	80
21	5330239	8461001	9.726747	9.927422	79
22	5331716	8460071	9.726867	9.927374	78
23	5333192	8459140	9.726987	9.927326	77
24	5334669	8458209	9.727107	9.927278	76
25	5336145	8457278	9.727227	9.927230	75
26	5337621	8456347	9.727348	9.927183	74
27	5339097	8455415	9.727468	9.927135	73
28	5340572	8454483	9.727588	9.927087	72
29	5342048	8453551	9.727708	9.927039	71
30	5343523	8452618	9.727828	9.926991	70
31	5344998	8451685	9.727947	9.926943	69
32	5346473	8450752	9.728067	9.926895	68
33	5347948	8449819	9.728187	9.926847	67
		Sinus		Log. Sin	M

GRAD. 57

M	Tangen		Log.Tan		
0	6248693	16003345	9.795789	10.204211	
1	6251120	15997132	9.795958	10.204042	99
2	6253548	15990922	9.796126	10.203873	98
3	6255976	15984715	9.796295	10.203705	97
4	6258405	15978512	9.796463	10.203536	96
5	6260834	15972312	9.796632	10.203368	95
6	6263264	15966116	9.796801	10.203199	94
7	6265694	15959923	9.796969	10.203031	93
8	6268125	15953734	9.797137	10.202862	92
9	6270556	15947548	9.797306	10.202694	91
10	6272988	15941366	9.797474	10.202525	90
11	6275420	15935187	9.797643	10.202357	89
12	6277853	15929011	9 797811	10.202189	88
13	6280287	15922839	9.797979	10.202020	87
14	6282721	15916670	9.798148	10.201852	86
15	6285155	15910505	9.798316	10.201684	85
16	6287590	15904343	9.798484	10.201516	84
17	6290026	15898185	9.798652	10.201347	83
18	6292462	15892030	9.798820	10.201179	82
19	6294899	15885878	9.798989	10.201011	81
20	6297336	15879730	9.799157	10.200843	80
21	6299774	15873586	9.799325	10.200675	79
22	6302212	15867444	9.799493	10.200507	78
23	6304551	15861306	9.799661	10.200339	77
24	6307090	15855172	9.799829	10.200171	76
25	6309530	15849041	9.799997	10.200003	75
26	6311970	15842913	9.800165	10.199835	74
27	6314411	15836788	9.800333	10.199667	73
28	6316853	15830667	9.800501	10.199499	72
29	6319295	15824550	9.800668	10.199331	71
30	6321737	15818436	9.800836	10.199163	70
31	6324180	15812325	9.801004	10.198995	69
32	6326624	15806217	9.801172	10.198828	68
33	6329068	15800113	9.801340	10.198660	67
		Tangens		Log. Tan.	M

32 GRAD.

M	Sinus		Log. Sin.		
33	5347948	8449819	9.728187	9.926847	67
34	5349423	8448886	9.728307	9.926799	66
35	5350898	8447952	9.728426	9.926751	65
36	5352372	8447018	9.728546	9.926703	64
37	5353846	8446083	9.728666	9.926655	63
38	5355320	8445149	9.728785	9.926607	62
39	5356794	8444214	9.728905	9.926559	61
40	5358268	8443279	9.729024	9.926511	60
41	5359741	8442344	9.729144	9.926463	59
42	5361215	8441408	9.729263	9.926415	58
43	5362688	8440472	9.729382	9.926367	57
44	5364161	8439536	9.729502	9.926318	56
45	5365634	8438600	9.729621	9.926270	55
46	5367107	8437663	9.729740	9.926222	54
47	5368579	8436726	9.729859	9.926174	53
48	5370052	8435789	9.729978	9.926126	52
49	5371524	8434852	9.730097	9.926077	51
50	5372996	8433914	9.730216	9.926029	50
51	5374468	8432976	9.730335	9.925981	49
52	5375940	8432038	9.730454	9.925932	48
53	5377411	8431100	9.730573	9.925884	47
54	5378883	8430161	9.730692	9.925836	46
55	5380354	8429222	9.730811	9.925787	45
56	5381825	8428283	9.730929	9.925739	44
57	5383296	8427344	9.731048	9.925691	43
58	5384767	8426404	9.731167	9.925642	42
59	5386237	8425464	9.731285	9.925594	41
60	5387708	8424524	9.731404	9.925545	40
61	5389178	8423583	9.731522	9.925497	39
62	5390648	8422643	9.731641	9.925448	38
63	5392118	8421702	9.731759	9.925400	37
64	5393588	8420760	9.731878	9.925351	36
65	5395057	8419819	9.731996	9.925303	35
66	5396527	8418877	9.732114	9.925254	34
		Sinus		Log. Sin.	M

GRAD. 57

M	Tangen		Log. Tan		
33	6329068	15800113	9.801340	10.198660	67
34	6331513	15794012	9.801507	10.198493	66
35	6333958	15787915	9.801675	10.198325	65
36	6336404	15781821	9.801843	10.198157	64
37	6338850	15775730	9.802010	10.197989	63
38	6341297	15769643	9.802178	10.197822	62
39	6343745	15763559	9.802346	10.197654	61
40	6346193	15757478	9.802513	10.197487	60
41	6348641	15751401	9.802681	10.197319	59
42	6351090	15745327	9.802848	10.197151	58
43	6353540	15739257	9.803016	10.196984	57
44	6355990	15733189	9.803183	10.196817	56
45	6358441	15727125	9.803350	10.196649	55
46	6360892	15721065	9.803518	10.196482	54
47	6363344	15715007	9.803685	10.196314	53
48	6365796	15708953	9.803853	10.196147	52
49	6368249	15702903	9.804020	10.195980	51
50	6370702	15696856	9.804187	10.195812	50
51	6373156	15690812	9.804354	10.195645	49
52	6375611	15684771	9.804522	10.195478	48
53	6378066	15678733	9.804689	10.195311	47
54	6380522	15672699	9.804856	10.195144	46
55	6382978	15666669	9.805023	10.194976	45
56	6385434	15660641	9.805190	10.194809	44
57	6387892	15654617	9.805357	10.194642	43
58	6390349	15648596	9.805524	10.194475	42
59	6392808	15642578	9.805691	10.194308	41
60	6395267	15636564	9.805858	10.194141	40
61	6397726	15630553	9.806025	10.193974	39
62	6400186	15624545	9.806192	10.193807	38
63	6402647	15618549	9.806359	10.193640	37
64	6405108	15612531	9.806526	10.193473	36
65	6407569	15606541	9.806693	10.193306	35
66	6410031	15600547	9.806860	10.193140	34
		Tangen		Log. Tan.	M

M	Sinus		Log.Sin.		
67	5397996	8417935	9.732232	9.925205	33
68	5399465	8416992	9.732351	9.925157	32
69	5400934	8416050	9.732469	9.925108	31
70	5402403	8415108	9.732587	9.925059	30
71	5403872	8414165	9.732705	9.925011	29
72	5405340	8413221	9.732823	9.924962	28
73	5406808	8412278	9.732941	9.924913	27
74	5408277	8411334	9.733059	9.924865	26
75	5409745	8410390	9.733177	9.924816	25
76	5411212	8409446	9.733298	9.924767	24
77	5412680	8408501	9.733412	9.924718	23
78	5414147	8407556	9.733530	9.924670	22
79	5415615	8406611	9.733648	9.924621	21
80	5417082	8405666	9.733765	9.924572	20
81	5418549	8404720	9.733883	9.924523	19
82	5420016	8403774	9.734000	9.924474	18
83	5421482	8402828	9.734118	9.924425	17
84	5422949	8401882	9.734235	9.924376	16
85	5424415	8400935	9.734353	9.924327	15
86	5425881	8399988	9.734470	9.924279	14
87	5427347	8399041	9.734587	9.924230	13
88	5428813	8398094	9.734705	9.924181	12
89	5430279	8397146	9.734822	9.924132	11
90	5431744	8396198	9.734939	9.924083	10
91	5433210	8395250	9.735056	9.924033	9
92	5434675	8394302	9.735173	9.923984	8
93	5436140	8393353	9.735290	9.923935	7
94	5437605	8392404	9.735407	9.923886	6
95	5439069	8391455	9.735524	9.923837	5
96	5440534	8390506	9.735641	9.923788	4
97	5441998	8389556	9.735758	9.923739	3
98	5443462	8388606	9.735875	9.923690	2
99	5444926	8387656	9.735992	9.923640	1
	5446390	8386705	9.736109	9.923591	0
		Sinus		Log.Sin.	M

32 GRAD.

M	Tangen		Log.Tan		
67	6412494	15594555	9.807027	10 192973	33
68	6414957	15588567	9.807194	10.192806	32
69	6417421	15582582	9.807360	10.192639	31
70	6419886	15576601	9.807527	10.192472	30
71	6422351	15570622	9.807694	10.192306	29
72	6424816	15564647	9.807861	10.192139	28
73	6427282	15558675	9.808027	10.191972	27
74	6429749	15552706	9.808194	10.191806	26
75	6432216	15546741	9 808360	10.191639	25
76	6434684	15540779	9.808527	10.191473	24
77	6437152	15534820	9.808694	10.191306	23
78	6439621	15528864	9.808860	10.191139	22
79	6442090	15522912	9.809027	10.190973	21
80	6444560	15516962	9.809193	10.190807	20
81	6447031	15511016	9.809360	10.190640	19
82	6449502	15505074	9.809526	10.190474	18
83	6451973	15499134	9.809692	10.190307	17
84	6454445	15493197	9.809859	10.190141	16
85	6456918	15487264	9.810025	10.189975	15
86	6459391	15481334	9 810191	10.189808	14
87	6461865	15475407	9.810358	10.189642	13
88	6464339	15469484	9.810524	10.189476	12
89	6466814	15463564	9.810690	10.189309	11
90	6469290	15457646	9.810856	10.189143	10
91	6471766	15451732	9.811023	10.188977	9
92	6474243	15445822	9.811189	10.188811	8
93	6476720	15439914	9.811355	10.188645	7
94	6479198	15434009	9.811521	10.188479	6
95	6481676	15428108	9.811687	10.188312	5
96	6484155	15422210	9.811853	10.188146	4
97	6486634	15416315	9.812019	10.187987	3
98	6489114	15410423	9.812185	10.187814	2
99	6491595	15404535	9 812351	10.187648	1
	6494076	15398649	9.812517	10.187482	0
		Tangens		Log.Tang	M

GRAD. 57

33 GRAD.

M	Sinus		*Log.Sin.*		
0	5446390	8386705	9.736109	9.923591	
1	5447854	8385755	9.736225	9.923542	99
2	5449317	8384804	9.736342	9.923493	98
3	5450781	8383853	9.736459	9.923443	97
4	5452244	8382901	9.736575	9.923394	96
5	5453707	8381949	9.736692	9.923345	95
6	5455170	8380997	9.736808	9.923296	94
7	5456632	8380045	9.736925	9.923246	93
8	5458095	8379093	9.737041	9.923197	92
9	5459557	8378140	9.737157	9.923147	91
10	5461019	8377187	9.737274	9.923098	90
11	5462481	8376234	9.737390	9.923049	89
12	5463943	8375280	9.737506	9.922999	88
13	5465405	8374326	9.737622	9.922950	87
14	5466866	8373372	9.737738	9.922900	86
15	5468328	8372418	9.737854	9.922851	85
16	5469789	8371464	9.737970	9.922801	84
17	5471250	8370509	9.738086	9.922752	83
18	5472711	8369554	9.738202	9.922702	82
19	5474172	8368598	9.738318	9.922653	81
20	5475632	8367643	9.738434	9.922603	80
21	5477092	8366687	9.738550	9.922553	79
22	5478553	8365731	9.738666	9.922504	78
23	5480013	8364775	9.738781	9.922454	77
24	5481472	8363818	9.738897	9.922404	76
25	5482932	8362861	9.739013	9.922355	75
26	5484392	8361904	9.739128	9.922305	74
27	5485851	8360947	9.739244	9.922255	73
28	5487310	8359989	9.739359	9.922206	72
29	5488769	8359032	9.739475	9.922156	71
30	5490228	8358073	9.739590	9.922106	70
31	5491687	8357115	9.739706	9.922056	69
32	5493145	8356156	9.739821	9.922006	68
33	5494604	8355198	9.739936	9.921957	67
		Sinus		*Log. Sin*	M

GRAD. 56

M	Tangen		Log.Tan		
0	6494076	15398649	9.812517	10.187482	
1	6496557	15392767	9.812683	10.187317	99
2	6499040	15386888	9.812849	10.187151	98
3	6501522	15381012	9.813015	10.186985	97
4	6504006	15375139	9.813181	10.186819	96
5	6506490	15369270	9.813347	10.186653	95
6	6508974	15363403	9.813512	10.186487	94
7	6511459	15357540	9.813678	10.186321	93
8	6513945	15351680	9.813844	10.186156	92
9	6516431	15345823	9.814010	10.185990	91
10	6518918	15339969	9.814175	10.185824	90
11	6521405	15334118	9.814341	10.185659	89
12	6523893	15328270	9.814507	10.185493	88
13	6526381	15322426	9 814672	10.185327	87
14	6528870	15316584	9.814838	10.185162	86
15	6531360	15310746	9.815003	10.184996	85
16	6533850	15304911	9.815169	10.184831	84
17	6536341	15299079	9.815335	10.184665	83
18	6538832	15293250	9.815500	10.184500	82
19	6541324	15287424	9.815665	10.184334	81
20	6543816	15281602	9.815831	10.184169	80
21	6546309	15275782	9.815996	10.184003	79
22	6548803	15269965	9.816162	10.183838	78
23	6551297	15264152	9.816327	10.183672	77
24	6553792	15258342	9.816492	10.183507	76
25	6556287	15252535	9.816658	10.183342	75
26	6558783	15246730	9.816823	10.183177	74
27	6561279	15240929	9.816988	10.183011	73
28	6563776	15235132	9.817154	10.182846	72
29	6566274	15229337	9.817319	10.182681	71
30	6568772	15223545	9.817484	10.182516	70
31	6571271	15217756	9.817649	10.182350	69
32	6573770	15211971	9.817814	10.182185	68
33	6576270	15206188	9.817979	10.182020	67
		Tangens		Log.Tang	M

33 GRAD.

M	Sinus		Log.Sin.		
33	5494604	8355198	9.739936	9.921957	67
34	5496062	8354238	9.740051	9.921907	66
35	5497520	8353279	9.740167	9.921857	65
36	5498978	8352319	9.740282	9.921807	64
37	5500435	8351360	9.740397	9.921757	63
38	5501893	8350399	9.740512	9.921707	62
39	5503350	8349439	9.740627	9.921657	61
40	5504807	8348478	9.740742	9.921607	60
41	5506264	8347518	9.740857	9.921557	59
42	5507721	8346556	9.740972	9.921507	58
43	5509178	8345595	9.741087	9.921457	57
44	5510634	8344633	9.741201	9.921407	56
45	5512091	8343671	9.741316	9.921357	55
46	5513547	8342709	9.741431	9.921307	54
47	5515003	8341747	9.741546	9.921257	53
48	5516459	8340784	9.741660	9.921207	52
49	5517914	8339821	9.741775	9.921157	51
50	5519370	8338858	9.741889	9.921106	50
51	5520825	8337895	9.742004	9.921056	49
52	5522280	8336931	9.742118	9.921006	48
53	5523735	8335967	9.742233	9.920956	47
54	5525190	8335003	9.742347	9.920906	46
55	5526645	8334038	9.742461	9.920855	45
56	5528099	8333074	9.742576	9.920805	44
57	5529553	8332109	9 742690	9.920755	43
58	5531008	8331143	9.742804	9.920704	42
59	5532461	8330178	9.742918	9.920654	41
60	5533915	8329212	9.743032	9.920604	40
61	5535369	8328246	9.743146	9.920553	39
62	5536822	8327280	9.743260	9.920503	38
63	5538276	8326314	9.743374	9.920453	37
64	5539729	8325347	9.743488	9.920402	36
65	5541182	8324380	9.743602	9.920352	35
66	5542635	8323413	9.743716	9.920301	34
		Sinus		Log.Sin.	M

GRAD. 56

33 GRAD.

M	Tangen		Log.Tan		
33	6576270	15206188	9.817979	10.182020	67
34	6578770	15200408	9.818145	10.181855	66
35	6581271	15194632	9.818310	10.181690	65
36	6583773	15188859	9.818475	10.181525	64
37	6586275	15183088	9.818640	10.181360	63
38	6588778	15177321	9.818805	10.181195	62
39	6591281	15171557	9.818970	10.181030	61
40	6593785	15165796	9.819135	10.180865	60
41	6596289	15160038	9.819300	10.180700	59
42	6598794	15154283	9.819464	10.180535	58
43	6601300	15148531	9.819629	10.180370	57
44	6603806	15142782	9.819794	10.180205	56
45	6606313	15137036	9.819959	10.180041	55
46	6608820	15131293	9.820124	10.179876	54
47	6611328	15125553	9.820289	10.179711	53
48	6613837	15119816	9.820453	10.179546	52
49	6616346	15114083	9.820618	10.179382	51
50	6618855	15108352	9.820783	10.179217	50
51	6621366	15102624	9.820947	10.179052	49
52	6623876	15096899	9.821112	10.178888	48
53	6626388	15091178	9.821277	10.178723	47
54	6628900	15085459	9.821441	10.178558	46
55	6631412	15079743	9.821606	10.178394	45
56	6633926	15074030	9.821770	10.178229	44
57	6636439	15068321	9.821935	10.178065	43
58	6638954	15062614	9.822099	10.177900	42
59	6641468	15056910	9.822264	10.177736	41
60	6643984	15051210	9.822428	10.177571	40
61	6646500	15045512	9.822593	10.177407	39
62	6649017	15039817	9.822757	10.177242	38
63	6651534	15034126	9.822922	10.177078	37
64	6654052	15028437	9.823086	10.176914	36
65	6656570	15022751	9.823250	10.176749	35
66	6659089	15017069	9.823415	10.176585	34
		Tangens		Log. Tan.	M

GRAD. 56

33 GRAD.

M	Sinus		Log.Sin.		
67	5544087	8322445	9.743830	9.920251	33
68	5545540	8321477	9.743944	9.920200	32
69	5546992	8320510	9.744057	9.920150	31
70	5548444	8319541	9.744171	9.920099	30
71	5549896	8318573	9.744285	9.920049	29
72	5551348	8317604	9.744398	9.919998	28
73	5552799	8316635	9.744512	9.919947	27
74	5554251	8315665	9.744625	9.919897	26
75	5555702	8314696	9.744739	9.919846	25
76	5557153	8313726	9.744852	9.919796	24
77	5558604	8312756	9.744966	9.919745	23
78	5560055	8311786	9.745079	9.919694	22
79	5561506	8310815	9.745192	9.919643	21
80	5562956	8309844	9.745305	9.919593	20
81	5564406	8308873	9.745419	9.919542	19
82	5565856	8307902	9.745532	9.919491	18
83	5567306	8306931	9.745645	9.919440	17
84	5568756	8305959	9.745758	9.919390	16
85	5570206	8304987	9.745871	9.919339	15
86	5571655	8304014	9.745984	9.919288	14
87	5573104	8303042	9.746097	9.919237	13
88	5574553	8302069	9.746210	9.919186	12
89	5576002	8301096	9.746323	9.919135	11
90	5577451	8300123	9.746436	9.919084	10
91	5578899	8299149	9.746548	9.919033	9
92	5580348	8298175	9.746661	9.918982	8
93	5581796	8297201	9.746774	9.918931	7
94	5583244	8296227	9.746886	9.918880	6
95	5584692	8295252	9.746999	9.918829	5
96	5586140	8294277	9.747112	9.918778	4
97	5587587	8293302	9.747224	9.918727	3
98	5589035	8292327	9.747337	9.918676	2
99	5590482	8291351	9.747449	9.918625	1
	5591929	8290376	9.747561	9.918574	0
		Sinus		Log. Sin	M

GRAD. 56

33 GRAD.

M	Tangen		Log.Tan		
67	6661609	15011389	9.823579	10.176421	33
68	6664129	15005712	9.823743	10.176256	32
69	6666649	15000038	9.823907	10.176092	31
70	6669171	14994367	9.824072	10.175928	30
71	6671693	14988699	9.824236	10.175764	29
72	6674215	14983034	9.824400	10.175600	28
73	6676738	14977372	9.824564	10.175435	27
74	6679262	14971713	9.824728	10.175271	26
75	6681786	14966057	9.824892	10.175107	25
76	6684311	14960404	9.825056	10.174943	24
77	6686836	14954754	9.825221	10.174779	23
78	6689362	14949107	9.825385	10.174615	22
79	6691889	14943463	9.825549	10.174451	21
80	6694416	14937821	9.825713	10.174287	20
81	6696944	14932183	9.825876	10.174123	19
82	6699473	14926548	9.826040	10.173959	18
83	6702001	14920915	9.826204	10.173795	17
84	6704531	14915286	9.826368	10.173631	16
85	6707061	14909659	9.826532	10.173468	15
86	6709592	14904035	9.826696	10.173304	14
87	6712123	14898415	9.826860	10.173140	13
88	6714655	14892797	9.827024	10.172976	12
89	6717188	14887182	9.827187	10.172812	11
90	6719721	14881570	9.827351	10.172649	10
91	6722255	14875961	9.827515	10.172485	9
92	6724789	14870354	9.827678	10.172321	8
93	6727324	14864751	9.827842	10.172157	7
94	6729859	14859151	9.828006	10.171994	6
95	6732395	14853553	9.828169	10.171830	5
96	6734932	14847959	9.828333	10.171667	4
97	6737469	14842367	9.828497	10.171503	3
98	6740007	14836778	9.828660	10.171339	2
99	6742546	14831192	9.828824	10.171176	1
	6745085	14825609	9.828987	10.171012	0
		Tangens		Log.Tang.	M

GRAD. 56

M	Sinus		*Log. Sin.*		
0	5591929	8290376	9.747561	9.918574	
1	5593376	8289399	9.747674	9.918523	99
2	5594822	8288423	9.747786	9.918472	98
3	5596269	8287446	9.747898	9.918421	97
4	5597715	8286470	9.748011	9.918369	96
5	5599161	8285492	9.748123	9.918318	95
6	5600607	8284515	9.748235	9.918267	94
7	5602053	8283538	9.748347	9.918216	93
8	5603499	8282560	9.748459	9.918164	92
9	5604944	8281582	9.748571	9.918113	91
10	5606390	8280603	9.748683	9.918062	90
11	5607835	8279625	9.748795	9.918010	89
12	5609280	8278646	9.748907	9.917959	88
13	5610725	8277667	9.749019	9.917908	87
14	5612169	8276687	9.749131	9.917856	86
15	5613614	8275707	9.749242	9.917805	85
16	5615058	8274728	9.749354	9.917754	84
17	5616502	8273747	9.749466	9.917702	83
18	5617946	8272767	9.749577	9.917651	82
19	5619390	8271786	9.749689	9.917599	81
20	5620834	8270806	9.749801	9.917548	80
21	5622277	8269824	9.749912	9.917496	79
22	5623720	8268843	9.750024	9.917445	78
23	5625163	8267861	9.750135	9.917393	77
24	5626606	8266879	9.750246	9.917341	76
25	5628049	8265897	9.750358	9.917290	75
26	5629492	8264915	9.750469	9.917238	74
27	5630934	8263932	9.750580	9.917187	73
28	5632376	8262949	9.750691	9.917135	72
29	5633818	8261966	9.750803	9.917083	71
30	5635260	8260983	9.750914	9.917032	70
31	5636702	8259999	9.751025	9.916980	69
32	5638144	8259015	9.751136	9.916928	68
33	5639585	8258031	9.751247	9.916876	67
		Sinus		*Log. Sin.*	M

M	Tangen		Log.Tan		
0	6745085	14825609	9.828987	10.171012	
1	6747625	14820029	9.829151	10.170849	99
2	6750165	14814452	9.829314	10.170685	98
3	6752706	14808878	9.829478	10.170522	97
4	6755247	14803306	9.829641	10.170359	96
5	6757789	14797738	9.829804	10.170195	95
6	6760332	14792172	9.829968	10.170032	94
7	6762875	14786609	9.830131	10.169868	93
8	6765419	14781049	9.830295	10.169705	92
9	6767964	14775492	9.830458	10.169542	91
10	6770509	14769938	9.830621	10.169378	90
11	6773054	14764387	9.830784	10.169215	89
12	6775601	14758838	9.830948	10.169052	88
13	6778148	14753293	9.831111	10.168889	87
14	6780695	14747750	9.831274	10.168726	86
15	6783243	14742210	9.831437	10.168562	85
16	6785792	14736673	9.831600	10.168399	84
17	6788341	14731139	9.831763	10.168236	83
18	6790891	14725607	9.831927	10.168073	82
19	6793442	14720079	9.832090	10.167910	81
20	6795993	14714553	9.832253	10.167747	80
21	6798545	14709030	9.832416	10.167584	79
22	6801097	14703510	9.832579	10.167421	78
23	6803650	14697993	9.832742	10.167258	77
24	6806203	14692479	9.832905	10.167095	76
25	6808757	14686967	9.833068	10.166932	75
26	6811312	14681458	9.833231	10.166769	74
27	6813868	14675952	9.833394	10.166606	73
28	6816424	14670449	9.833556	10.166443	72
29	6818980	14664949	9.833719	10.166280	71
30	6821537	14659452	9.833882	10.166118	70
31	6824095	14553957	9.834045	10.165955	69
32	6826653	14648465	9.834208	10.165792	68
33	6829213	14642976	9.834370	10.165629	67
		Tangens		Log.Tang	M

M	Sinus		Log. Sin.		
33	5639585	8258031	9.751247	9.916876	67
34	5641026	8257047	9.751358	9.916825	66
35	5642467	8256062	9.751469	9.916773	65
36	5643908	8255077	9.751580	9.916721	64
37	5645349	8254092	9.751691	9.916669	63
38	5646789	8253106	9.751801	9.916617	62
39	5648230	8252121	9.751912	9.916565	61
40	5649670	8251135	9.752023	9.916513	60
41	5651110	8250149	9.752134	9.916462	59
42	5652550	8249162	9.752244	9.916410	58
43	5653989	8248175	9.752355	9.916358	57
44	5655429	8247189	9.752465	9.916306	56
45	5656868	8246201	9.752576	9.916254	55
46	5658307	8245214	9.752686	9.916202	54
47	5659746	8244226	9.752797	9.916150	53
48	5661185	8243238	9.752907	9.916098	52
49	5662624	8242250	9.753018	9.916046	51
50	5664062	8241262	9.753128	9.915994	50
51	5665500	8240273	9.753238	9.915941	49
52	5666938	8239284	9.753348	9.915889	48
53	5668377	8238295	9.753459	9.915837	47
54	5669814	8237305	9.753569	9.915785	46
55	5671252	8236316	9.753679	9.915733	45
56	5672689	8235326	9.753789	9.915681	44
57	5674127	8234336	9.753899	9.915628	43
58	5675564	8233345	9.754009	9.915576	42
59	5677001	8232354	9.754119	9.915524	41
60	5678437	8231363	9.754229	9.915472	40
61	5679874	8230372	9.754339	9.915419	39
62	5681310	8229381	9.754448	9.915367	38
63	5682746	8228389	9.754558	9.915315	37
64	5684182	8227397	9.754668	9.915262	36
65	5685618	8226405	9.754778	9.915211	35
66	5687054	8225413	9.754887	9.915157	34
		Sinus		Log. Sin.	M

M	Tangen		*Log.Tan*		
33	6829213	14642976	9.834370	10.165629	67
34	6831772	14637490	9.834533	10.165466	66
35	6834332	14532007	9.834696	10.165304	65
36	6836893	14626526	9.834859	10.165141	64
37	6839455	14621048	9.835021	10.164978	63
38	6842017	14615573	9.835184	10.164816	62
39	6844579	14610101	9.835347	10.164653	61
40	6847143	14604631	9.835509	10.164490	60
41	6849707	14599165	9.835672	10.164328	59
42	6852271	14593701	9.835834	10.164165	58
43	6854836	14588240	9.835997	10.164003	57
44	6857402	14582782	9.836159	10.163840	56
45	6859968	14577326	9.836322	10.163678	55
46	6862535	14571873	9.836484	10.163515	54
47	6865103	14566423	9.836647	10.163353	53
48	6867671	14560976	9.836809	10.163190	52
49	6870240	14555532	9.836972	10.163028	51
50	6872809	14550090	9.837134	10.162865	50
51	6875379	14544651	9.837296	10.162703	49
52	6877950	14539215	9.837459	10.162541	48
53	6880521	14533782	9.837621	10.162378	47
54	6883093	14528351	9.837783	10.162216	46
55	6885666	14522923	9.837946	10.162054	45
56	6888239	14517498	9.838108	10.161892	44
57	6890813	14512076	9.838270	10.161729	43
58	6893387	14506656	9.838432	10.161567	42
59	6895962	14501239	9.838595	10.161405	41
60	6898538	14495825	9.838757	10.161243	40
61	6901114	14490414	9.838919	10.161081	39
62	6903691	14485005	9.839081	10.160918	38
63	6905268	14479599	9.839243	10.160756	37
64	6908846	14474196	9.839405	10.160594	36
65	6911425	14468795	9.839567	10.160432	35
66	6914004	14463398	9.839729	10.160270	34
		Tangens		*Log. Tan.*	M

M	Sinus		*Log.Sin.*		
67	5688490	8224420	9.754997	9.915105	33
68	5689925	8223427	9.755106	9.915053	32
69	5691360	8222434	9.755216	9.915000	31
70	5692795	8221440	9.755325	9.914948	30
71	5694230	8220447	9.755435	9.914895	29
72	5695665	8219453	9.755544	9.914843	28
73	5697099	8218458	9.755654	9.914790	27
74	5698533	8217464	9.755763	9.914738	26
75	5699967	8216469	9.755872	9.914685	25
76	5701401	8215474	9.755981	9.914632	24
77	5702835	8214479	9.756091	9.914580	23
78	5704268	8213484	9.756200	9.914527	22
79	5705702	8212488	9.756309	9.914475	21
80	5707135	8211492	9.756418	9.914422	20
81	5708569	8210496	9.756527	9.914369	19
82	5710001	8209499	9.756636	9.914316	18
83	5711434	8208503	9.756745	9.914264	17
84	5712867	8207506	9.756854	9.914211	16
85	5714299	8206508	9.756963	9.914158	15
86	5715731	8205511	9.757072	9.914105	14
87	5717163	8204513	9.757180	9.914053	13
88	5718595	8203515	9.757289	9.914000	12
89	5720027	8202517	9.757398	9.913947	11
90	5721459	8201519	9.757507	9.913894	10
91	5722890	8200520	9.757615	9.913841	9
92	5724321	8199521	9.757724	9.913788	8
93	5725752	8198522	9.757832	9.913735	7
94	5727183	8197522	9.757941	9.913682	6
95	5728613	8196523	9.758049	9.913629	5
96	5730044	8195523	9.758158	9.913576	4
97	5731474	8194522	9.758266	9.913523	3
98	5732904	8193522	9.758375	9.913470	2
99	5734334	8192521	9.758483	9.913417	1
	5735764	8191520	9.758591	9.913364	0
		Sinus		Log. Sin.	M

M	Tangen	.	Log.Tan		
67	6916584	14458003	9.839891	10.160108	33
68	6919165	14452610	9.840054	10.159946	32
69	6921746	14447221	9.840215	10.159784	31
70	6924328	14441834	9.840377	10.159622	30
71	6926911	14436450	9.840539	10.159460	29
72	6929494	14431068	9.840701	10.159298	28
73	6932077	14425690	9.840863	10.159136	27
74	6934662	14420314	9.841025	10.158975	26
75	6937247	14414940	9.841187	10.158813	25
76	6939832	14409570	9.841349	10.158651	24
77	6942418	14404202	9.841511	10.158489	23
78	6945005	14398837	9.841672	10.158327	22
79	6947593	14393474	9.841834	10.158165	21
80	6950181	14388114	9.841996	10.158004	20
81	6952770	14382757	9.842158	10.157842	19
82	6955359	14377403	9.842319	10.157680	18
83	6957949	14372051	9.842481	10.157519	17
84	6960540	14366702	9.842643	10.157357	16
85	6963131	14361355	9.842804	10.157195	15
86	6965723	14356012	9.842966	10.157034	14
87	6968315	14350671	9.843128	10.156872	13
88	6970908	14345332	9.843289	10.156710	12
89	6973502	14339997	9.843451	10.156549	11
90	6976096	14334664	9.843612	10.156387	10
91	6978691	14329333	9.843774	10.156226	9
92	6981287	14324006	9.843935	10.156064	8
93	6983883	14318681	9.844097	10.155903	7
94	6986480	14313358	9.844258	10.155741	6
95	6989078	14308039	9.844420	10.155580	5
96	6991676	14302722	9.844581	10.155418	4
97	6994275	14297407	9.844743	10.155257	3
98	6996874	14292095	9.844904	10.155096	2
99	699947	14286786	9.845065	10.154934	1
	7002075	14281480	9.845227	10.154773	0
		Tangens		*Log.Tang.*	M

M	Sinus		Log.Sin.		—
0	5735764	8191520	9.758591	9.913364	
1	5737194	8190519	9.758699	9.913311	99
2	5738623	8189518	9.758808	9.913258	98
3	5740052	8188516	9.758916	9.913205	97
4	5741482	8187514	9.759024	9.913152	96
5	5742910	8186512	9.759132	9.913099	95
6	5744339	8185509	9.759240	9.913046	94
7	5745768	8184507	9.759348	9.912992	93
8	5747196	8183504	9.759456	9.912939	92
9	5748624	8182500	9.759564	9.912886	91
10	5750052	8181497	9.759672	9.912833	90
11	5751480	8180493	9 759779	9.912779	89
12	5752908	8179489	9.759887	9.912726	88
13	5754335	8178485	9.759995	9.912673	87
14	5755763	8177481	9.760103	9.912619	86
15	5757190	8176476	9.760210	9.912566	85
16	5758617	8175471	9.760318	9.912513	84
17	5760044	8174466	9.760426	9.912459	83
18	5761470	8173460	9.760533	9.912406	82
19	5762897	8172455	9.760641	9.912352	81
20	5764323	8171449	9.760748	9.912299	80
21	5765749	8170443	9 760856	9.912245	79
22	5767175	8169436	9.760963	9.912192	78
23	5768601	8168429	9.761070	9.912138	77
24	5770026	8167423	9.761178	9.912085	76
25	5771452	8166415	9.761285	9.912031	75
26	5772877	8165408	9.761392	9.911978	74
27	5774302	8164400	9.761499	9.911924	73
28	5775727	8163392	9.761606	9.911870	72
29	5777151	8162384	9.761714	9.911817	71
30	5778576	8161376	9.761821	9.911763	70
31	5780000	8160367	9.761928	9.911710	69
32	5781425	8159358	9.762035	9.911656	68
33	5782849	8158349	9.762142	9.911602	67
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
0	7002075	14281480	9.845227	10.154773	
1	7004677	14276176	9.845388	10.154612	99
2	7007279	14270875	9.845549	10.154450	98
3	7009881	14265576	9.845710	10.154289	97
4	7012484	14260281	9.845872	10.154128	96
5	7015088	14254987	9.846033	10.153967	95
6	7017693	14249697	9.846194	10.153805	94
7	7020298	14244409	9.846355	10.153644	93
8	7022904	14239123	9.846517	10.153483	92
9	7025510	14233841	9.846678	10.153322	91
10	7028118	14228561	9.846839	10.153161	90
11	7030725	14223283	9.847000	10.153000	89
12	7033334	14218008	9.847161	10.152839	88
13	7035943	14212736	9.847322	10.152677	87
14	7038552	14207466	9.847483	10.152516	86
15	7041163	14202199	9.847644	10.152355	85
16	7043774	14196935	9.847805	10.152194	84
17	7046385	14191673	9.847966	10.152033	83
18	7048997	14186414	9.848127	10.151872	82
19	7051610	14181157	9.848288	10.151711	81
20	7054224	14175903	9.848449	10.151551	80
21	7056838	14170652	9.848610	10.151390	79
22	7059453	14165403	9.848771	10.151229	78
23	7062068	14160157	9.848932	10.151068	77
24	7064684	14154914	9.849093	10.150907	76
25	7067301	14149673	9.849253	10.150746	75
26	7069918	14144434	9.849414	10.150585	74
27	7072536	14139198	9.849575	10.150425	73
28	7075155	14133965	9.849736	10.150264	72
29	7077774	14128734	9.849897	10.150103	71
30	7080394	14123506	9.850057	10.149942	70
31	7083015	14118281	9.850218	10.149782	69
32	7085636	14113058	9.850379	10.149621	68
33	7088258	14107837	9.850539	10.149460	67
		Tangens		Log. Tan.	M

M	Sinus		Log. Sin.		
33	5782848	8158349	9.762142	9.911602	67
34	5784272	8157340	9.762249	9.911548	66
35	5785696	8156330	9.762355	9.911495	65
36	5787119	8155320	9.762462	9.911441	64
37	5788543	8154310	9.762569	9.911387	63
38	5789966	8153299	9.762676	9.911333	62
39	5791389	8152289	9.762783	9.911279	61
40	5792812	8151278	9.762889	9.911226	60
41	5794234	8150267	9.762996	9.911172	59
42	5795657	8149255	9.763102	9.911118	58
43	5797079	8148244	9.763209	9.911064	57
44	5798501	8147232	9.763316	9.911010	56
45	5799923	8146219	9.763422	9.910956	55
46	5801344	8145207	9.763528	9.910902	54
47	5802766	8144194	9.763635	9 910848	53
48	5804187	8143182	9.763741	9.910794	52
49	5805608	8142168	9.763848	9.910740	51
50	5807029	8141155	9.763954	9.910686	50
51	5808450	8140141	9.764060	9.910632	49
52	5809871	8139127	9.764166	9.910578	48
53	5811291	8138113	9.764272	9.910524	47
54	5812712	8137099	9.764379	9.910469	46
55	5814132	8136084	9.764485	9.910415	45
56	5815552	8135069	9.764591	9.910361	44
57	5816972	8134054	9.764697	9.910307	43
58	5818391	8133039	9.764803	9.910253	42
59	5819810	8132023	9.764909	9.910198	41
60	5821230	8131007	9.765015	9.910144	40
61	5822846	8129991	9.765120	9.910090	39
62	5824067	8128975	9.765226	9.910036	38
63	5825486	8127958	9.765332	9.909981	37
64	5826905	8126941	9.765438	9.909927	36
65	5828323	8125924	9.765543	9.909873	35
66	5829741	8124907	9.765649	9.909818	34
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
33	7088258	14107837	9.850539	10.149460	67
34	7090881	14102620	9.850700	10.149300	66
35	7093504	14097404	9.850861	10.149139	65
36	7096128	14092192	9.851021	10.148978	64
37	7098752	14086982	9.851182	10.148818	63
38	7101378	14081774	9.851342	10.148657	62
39	7104003	14076569	9.851503	10.148497	61
40	7106630	14071367	9.851664	10.148336	60
41	7109257	14066167	9.851824	10.148176	59
42	7111885	14060970	9.851985	10.148015	58
43	7114513	14055775	9.852145	10.147855	57
44	7117142	14050583	9.852305	10.147694	56
45	7119772	14045393	9.852466	10.147534	55
46	7122402	14040206	9.852626	10.147373	54
47	7125033	14035021	9.852787	10.147213	53
48	7127665	14029839	9.852947	10.147053	52
49	7130297	14024660	9.853107	10.146892	51
50	7132930	14019483	9.853268	10.146732	50
51	7135564	14014308	9.853428	10.146571	49
52	7138198	14009136	9.853588	10.146411	48
53	7140833	14003967	9.853749	10.146251	47
54	7143469	13998800	9.853909	10.146091	46
55	7146105	13993636	9.854069	10.145931	45
56	7148742	13988474	9.854229	10.145770	44
57	7151380	13983315	9.854390	10.145610	43
58	7154018	13978158	9.854550	10.145450	42
59	7156657	13973004	9.854710	10.145290	41
60	7159297	13967852	9.854870	10.145129	40
61	7161937	13962703	9.855030	10.144969	39
62	7164578	13957556	9.855190	10.144809	38
63	7167219	13952412	9.855351	10.144649	37
64	7169862	13947270	9.855511	10.144489	36
65	7172504	13942131	9.855671	10.144329	35
66	7175148	13936994	9.855831	10.144169	34
		Tangen		Log. Tan.	M.

M	Sinus		Log.Sin.		
67	5831159	8123889	9.765755	9.909764	33
68	5832577	8122872	9.765860	9.909709	32
69	5833994	8121853	9.765966	9.909655	31
70	5835412	8120835	9.766071	9.909601	30
71	5836829	8119816	9.766177	9.909546	29
72	5838246	8118798	9.766282	9.909492	28
73	5839663	8117778	9.766388	9.909437	27
74	5841080	8116759	9.766493	9.909382	26
75	5842496	8115740	9.766598	9.909328	25
76	5843913	8114720	9.766704	9.909273	24
77	5845329	8113700	9.766809	9.909219	23
78	5846745	8112679	9.766914	9.909164	22
79	5848161	8111659	9.767019	9.909109	21
80	5849576	8110638	9.767124	9.909055	20
81	5850992	8109617	9.767229	9.909000	19
82	5852407	8108595	9.767334	9.908945	18
83	5853822	8107574	9.767439	9.908891	17
84	5855237	8106552	9.767544	9.908836	16
85	5856652	8105530	9.767649	9.908781	15
86	5858067	8104508	9.767754	9.908726	14
87	5859481	8103485	9.767859	9.908672	13
88	5860895	8102463	9.767964	9.908617	12
89	5862309	8101439	9.768069	9.908562	11
90	5863723	8100416	9.768173	9.908507	10
91	5865137	8099393	9.768278	9.908452	9
92	5866551	8098369	9.768383	9.908397	8
93	5867964	8097345	9.768487	9.908342	7
94	5869377	8096321	9.768592	9.908288	6
95	5870790	8095296	9.768696	9.908233	5
96	5872203	8094271	9.768801	9.908178	4
97	5873616	8093246	9.768905	9.908123	3
98	5875028	8092221	9.769010	9.908068	2
99	5876440	8091195	9.769114	9.908013	1
	5877852	8090170	9.769218	9.907957	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
67	7177792	13931860	9.855991	10.144009	33
68	7180437	13926728	9.856151	10.143849	32
69	7183083	13921599	9.856311	10.143689	31
70	7185729	13916472	9.856471	10.143529	30
71	7188376	13911348	9.856631	10 143369	29
72	7191023	13906226	9.856790	10.143209	28
73	7193671	13901107	9.856950	10.143049	27
74	7196320	13895990	9.857110	10.142889	26
75	7198970	13890876	9.857270	10.142729	25
76	7201620	13885764	9.857430	10.142570	24
77	7204271	13880655	9.857590	10.142410	23
78	7206922	13875548	9.857750	10.142250	22
79	7209574	13870444	9.857909	10.142090	21
80	7212227	13865342	9.858069	10.141930	20
81	7214881	13860242	9.858229	10.141771	19
82	7217535	13855145	9.858389	10.141611	18
83	7220190	13850051	9.858548	10.141451	17
84	7222845	13844959	9.858708	10.141291	16
85	7225502	13839869	9.858868	10.141132	15
86	7228158	13834782	9.859027	10.140972	14
87	7230816	13829697	9.859187	10.140812	13
88	7233474	13824615	9.859347	10.140653	12
89	7236133	13819535	9.859506	10.140493	11
90	7238793	13814458	9.859666	10.140334	10
91	7241453	13809383	9 859826	10.140174	9
92	7244114	13804311	9.859985	10.140015	8
93	7246775	13799241	9.860145	10.139855	7
94	7249437	13794173	9.860304	10.139695	6
95	7252100	13789108	9.860464	10.139536	5
96	7254764	13784045	9.860623	10.139376	4
97	7257428	13778985	9.860783	10.139217	3
98	7260093	13773927	9.860942	10.139058	2
99	7262759	13768872	9.861101	10.138898	1
	7265445	13763819	9.861261	10.138739	0
		Tangens		Log.Tang	M

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M	Sinus		Log.Sin.		
0	5877852	8090170	9.769218	9.907957	
1	5879264	8089144	9.769323	9.907902	99
2	5880676	8088117	9.769427	9.907847	98
3	5882088	8087091	9.769531	9.907792	97
4	5883499	8086064	9.769635	9.907737	96
5	5884910	8085037	9.769740	9.907682	95
6	5886321	8084010	9.769844	9.907627	94
7	5887732	8082983	9.769948	9.907571	93
8	5889143	8081955	9.770052	9.907516	92
9	5890553	8080927	9.770156	9.907461	91
10	5891963	8079899	9.770260	9.907406	90
11	5893373	8078870	9.770364	9.907350	89
12	5894783	8077841	9.770468	9.907295	88
13	5896193	8076813	9.770572	9.907240	87
14	5897603	8075783	9.770675	9.907184	86
15	5899012	8074754	9.770779	9.907129	85
16	5900421	8073724	9.770883	9.907074	84
17	5901830	8072694	9.770987	9.907018	83
18	5903239	8071664	9.771090	9.906963	82
19	5904648	8070634	9.771194	9.906907	81
20	5906056	8069603	9.771297	9.906852	80
21	5907465	8068572	9.771401	9.906796	79
22	5908873	8067541	9.771504	9.906741	78
23	5910281	8066509	9.771608	9.906685	77
24	5911689	8065478	9.771711	9.906630	76
25	5913096	8064446	9.771815	9.906574	75
26	5914504	8063414	9.771918	9.906519	74
27	5915911	8062381	9.772021	9.906463	73
28	5917318	8061349	9.772125	9.906408	72
29	5918725	8060316	9.772228	9.906352	71
30	5920132	8059283	9.772331	9.906296	70
31	5921538	8058249	9.772434	9.906241	69
32	5922944	8057216	9.772537	9.906185	68
33	5924351	8056182	9.772641	9.906129	67
		Sinus		Log.Sin	M

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36 GRAD.

M	Tangen		Log.Tan		
0	7265425	13763819	9.861261	10.138739	
1	7268092	13758768	9.861420	10.138579	99
2	7270760	13753720	9.861580	10.138420	98
3	7273428	13748675	9.861739	10.138261	97
4	7276097	13743631	9.861898	10.138101	96
5	7278767	13738591	9.862058	10.137942	95
6	7281437	13733552	9.862217	10.137783	94
7	7284108	13728516	9.862376	10.137623	93
8	7286780	13723483	9.862535	10.137464	92
9	7289452	13718451	9.862695	10.137305	91
10	7292125	13713423	9.862854	10.137146	90
11	7294799	13708396	9.863013	10.136986	89
12	7297473	13703372	9.863172	10.136827	88
13	7300149	13698351	9.863332	10.136668	87
14	7302824	13693332	9.863491	10.136509	86
15	7305501	13688315	9.863650	10.136350	85
16	7308178	13683301	9.863809	10.136191	84
17	7310856	13678289	9.863968	10.136032	83
18	7313534	13673279	9.864127	10.135872	82
19	7316214	13668272	9.864286	10.135713	81
20	7318893	13663267	9.864445	10.135554	80
21	7321574	13658265	9.864604	10.135395	79
22	7324255	13653265	9.864763	10.135236	78
23	7326937	13648267	9.864922	10.135077	77
24	7329620	13643272	9.865081	10.134918	76
25	7332303	13638279	9.865240	10.134759	75
26	7334987	13633288	9.865399	10.134600	74
27	7337672	13628300	9.865558	10.134442	73
28	7340357	13623315	9.865717	10.134283	72
29	7343043	13618331	9.865876	10.134124	71
30	7345730	13613350	9.866035	10.133965	70
31	7348418	13608372	9.866194	10.133806	69
32	7351106	13603395	9.866352	10.133647	68
33	7353794	13598421	9.866511	10.133488	67
		Tangens		Log. Tan.	M

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36 GRAD.

M	Sinus		Log. Sin.		
33	5924351	8056182	9.772641	9.906129	67
34	5925757	8055148	9.772744	9.906073	66
35	5927162	8054113	9.772847	9.906018	65
36	5928568	8053079	9.772950	9.905962	64
37	5929973	8052044	9.773053	9.905906	63
38	5931379	8051009	9.773155	9.905850	62
39	5932784	8049973	9.773258	9.905794	61
40	5934189	8048938	9.773361	9.905738	60
41	5935593	8047902	9.773464	9.905682	59
42	5936998	8046866	9.773567	9.905627	58
43	5938402	8045830	9.773669	9.905571	57
44	5939806	8044793	9.773772	9.905515	56
45	5941210	8043756	9.773875	9.905459	55
46	5942614	8042719	9.773977	9.905403	54
47	5944018	8041682	9.774080	9.905347	53
48	5945421	8040644	9.774182	9.905291	52
49	5946825	8039606	9.774285	9.905235	51
50	5948228	8038568	9.774387	9.905179	50
51	5949631	8037530	9.774490	9.905122	49
52	5951033	8036492	9.774592	9.905066	48
53	5952436	8035453	9.774695	9.905010	47
54	5953838	8034414	9.774797	9.904954	46
55	5955240	8033375	9.774899	9.904898	45
56	5956642	8032335	9.775001	9.904842	44
57	5958044	8031295	9.775104	9.904785	43
58	5959446	8030255	9.775206	9.904729	42
59	5960847	8029215	9.775308	9.904673	41
60	5962249	8028175	9.775410	9.904617	40
61	5963650	8027134	9.775512	9.904560	39
62	5965051	8026093	9.775614	9.904504	38
63	5966451	8025052	9.775716	9.904448	37
64	5967852	8024010	9.775818	9.904391	36
65	5969252	8022968	9.775920	9.904335	35
66	5970652	8021926	9.776022	9.904278	34
		Sinus		Log. Sin.	M

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M	Tangen		Log.Tan		
33	7353794	13598421	9.866511	10.133488	67
34	7356484	13593450	9.866670	10.133329	66
35	7359174	13588481	9.866829	10.133171	65
36	7361865	13583514	9.866988	10.133012	64
37	7364557	13578549	9.867146	10.132853	63
38	7367249	13573587	9.867305	10.132694	62
39	7369942	13568627	9.867464	10.132536	61
40	7372636	13563670	9.867623	10.132377	60
41	7375330	13558715	9.867781	10.132218	59
42	7378025	13553762	9.867940	10.132060	58
43	7380721	13548812	9.868099	10.131901	57
44	7383417	13543864	9.868257	10.131742	56
45	7386114	13538918	9.868416	10.131584	55
46	7388812	13533974	9.868574	10.131425	54
47	7391511	13529033	9.868733	10.131267	53
48	7394210	13524095	9.868892	10.131108	52
49	7396910	13519158	9.869050	10.130949	51
50	7399611	13514224	9.869209	10.130791	50
51	7402312	13509292	9.869367	10.130632	49
52	7405014	13504363	9.869526	10.130474	48
53	7407717	13499436	9.869684	10.130315	47
54	7410420	13494511	9.869843	10.130157	46
55	7413124	13489589	9.870001	10.129999	45
56	7415829	13484669	9.870160	10.129840	44
57	7418534	13479750	9.870318	10.129682	43
58	7421241	13474835	9.870476	10.129523	42
59	7423948	13469922	9.870635	10.129365	41
60	7426655	13465011	9.870793	10.129207	40
61	7429364	13460103	9.870951	10.129048	39
62	7432073	13455196	9.871110	10.128890	38
63	7434782	13450292	9.871268	10.128732	37
64	7437493	13445391	9.871426	10.128573	36
65	7440204	13440491	9.871585	10.128415	35
66	7442916	13435594	9.871743	10.128257	34
		Tangen		Log.Tan.	M

M	Sinus		Log.Sin.		
67	5972052	8020884	9.776123	9.904222	33
68	5973452	8019842	9.776225	9.904166	32
69	5974852	8018799	9.776327	9.904109	31
70	5976251	8017756	9.776429	9.904053	30
71	5977651	8016713	9.776530	9.903996	29
72	5979050	8015670	9.776632	9.903940	28
73	5980449	8014626	9.776734	9.903883	27
74	5981847	8013582	9.776835	9.903827	26
75	5983246	8012538	9.776937	9.903770	25
76	5984644	8011494	9.777038	9.903713	24
77	5986042	8010449	9.777140	9.903657	23
78	5987440	8009404	9.777241	9.903600	22
79	5988838	8008359	9.777342	9.903543	21
80	5990236	8007314	9.777444	9.903487	20
81	5991633	8006268	9.777545	9.903430	19
82	5993030	8005222	9.777646	9.903373	18
83	5994428	8004176	9.777748	9.903316	17
84	5995824	8003130	9.777849	9.903260	16
85	5997221	8002083	9.777950	9.903203	15
86	5998618	8001036	9.778051	9.903146	14
87	6000014	7999989	9.778152	9.903089	13
88	6001410	7998942	9.778253	9.903032	12
89	6002806	7997894	9.778354	9.902975	11
90	6004202	7996846	9.778455	9.902919	10
91	6005598	7995798	9.778556	9.902862	9
92	6006993	7994750	9.778657	9.902805	8
93	6008388	7993701	9.778758	9.902748	7
94	6009783	7992653	9.778859	9.902691	6
95	6011178	7991604	9.778959	9.902634	5
96	6012573	7990554	9.779060	9.902577	4
97	6013968	7989505	9.779161	9.902520	3
98	6015362	7988455	9.779262	9.902463	2
99	6016756	7987405	9.779362	9.902406	1
	6018150	7986355	9.779463	9.902348	0
		Sinus		Log.Sin.	M

M	Tangen		Log.Tan		
67	7445628	13430700	9.871901	10.128098	33
68	7448341	13425807	9.872059	10.127940	32
69	7451055	13420917	9.872218	10.127782	31
70	7453770	13416029	9.872376	10.127624	30
71	7456485	13411143	9.872534	10.127466	29
72	7459202	13406260	9.872692	10.127307	28
73	7461918	13401379	9.872850	10.127149	27
74	7464636	13396500	9.873008	10.126991	26
75	7467354	13391624	9.873167	10.126833	25
76	7470073	13386750	9.873325	10.126675	24
77	7472792	13381878	9.873483	10.126517	23
78	7475513	13377008	9.873641	10.126359	22
79	7478234	13372141	9.873799	10.126201	21
80	7480956	13367276	9.873957	10.126043	20
81	7483678	13362413	9.874115	10.125885	19
82	7486401	13357552	9.874273	10.125727	18
83	7489125	13352694	9.874431	10.125569	17
84	7491850	13347838	9.874589	10.125411	16
85	7494575	13342984	9.874747	10.125253	15
86	7497301	13338133	9.874905	10.125095	14
87	7500028	13333284	9.875063	10.124937	13
88	7502755	13328437	9.875221	10.124779	12
89	7505483	13323592	9.875378	10.124621	11
90	7508212	13318749	9.875536	10.124463	10
91	7510942	13313909	9.875694	10.124305	9
92	7513672	13309071	9.875852	10.124148	8
93	7516403	13304235	9.876010	10.123990	7
94	7519135	13299402	9.876168	10.123832	6
95	7521867	13294571	9.876325	10.123674	5
96	7524600	13289742	9.876483	10.123516	4
97	7527334	13284915	9.876641	10.123359	3
98	7530069	13280090	9.876799	10.123201	2
99	7532804	13275268	9.876956	10.123043	1
	7535540	13270448	9.877114	10.122885	0
		Tangens		Log.Tang	M

M	Sinus		Log. Sin.		
0	6018150	7986355	9.779463	9.902348	
1	6019544	7985304	9.779563	9.902291	99
2	6020937	7984254	9.779664	9.902234	98
3	6022331	7983203	9.779764	9.902177	97
4	6023724	7982151	9.779865	9.902120	96
5	6025117	7981100	9.779965	9.902063	95
6	6026510	7980048	9.780066	9.902005	94
7	6027903	7978996	9.780166	9.901948	93
8	6029295	7977944	9.780266	9.901891	92
9	6030688	7976892	9.780367	9.901834	91
10	6032080	7975839	9.780467	9.901776	90
11	6033472	7974786	9.780567	9.901719	89
12	6034863	7973733	9.780667	9.901662	88
13	6036255	7972680	9.780767	9.901604	87
14	6037646	7971626	9.780867	9.901547	86
15	6039038	7970572	9.780968	9.901489	85
16	6040429	7969518	9.781068	9.901432	84
17	6041819	7968464	9.781168	9.901374	83
18	6043210	7967409	9.781268	9 901317	82
19	6044601	7966354	9.781367	9.901259	81
20	6045991	7965299	9.781467	9.901202	80
21	6047381	7964244	9.781567	9.901144	79
22	6048771	7963188	9.781667	9.901087	78
23	6050161	7962132	9.781767	9.901029	77
24	6051550	7961076	9.781866	9.900972	76
25	6052940	7960020	9.781966	9.900914	75
26	6054329	7958963	9.782066	9.900856	74
27	6055718	7957906	9.782165	9.900799	73
28	6057107	7956849	9.782265	9.900741	72
29	6058495	7955792	9.782365	9.900683	71
30	6059884	7954735	9.782464	9.900626	70
31	6061272	7953677	9.782564	9.900568	69
32	6062660	7952619	9.782663	9.900510	68
33	6064048	7951561	9.782762	9 900452	67
		Sinus		Log. Sin	M

M	Tangen		*Log.Tan*		
0	7535540	13270448	9.877114	10.122885	
1	7538277	13265630	9.877272	10.122728	99
2	7541015	13260815	9.877430	10.122570	98
3	7543753	13256001	9.877587	10.122412	97
4	7546492	13251190	9.877745	10.122255	96
5	7549231	13246381	9.877903	10.122097	95
6	7551972	13241575	9.878060	10.121939	94
7	7554713	13236770	9.878218	10.121782	93
8	7557455	13231968	9.878375	10.121624	92
9	7560197	13227168	9.878533	10.121467	91
10	7562940	13222370	9.878690	10.121309	90
11	7565684	13217574	9.878848	10.121152	89
12	7568429	13212781	9.879006	10.120994	88
13	7571175	13207990	9.87916[illegible]	10.120837	87
14	7573921	13203201	9.879321	10.120679	86
15	7576668	13198414	9.879478	10.120522	85
16	7579415	13193629	9.879636	10.120364	84
17	7582164	13188847	9.879793	10.120207	83
18	7584913	13184067	9.879950	10.120049	82
19	7587662	13179289	9.880108	10.119892	81
20	7590413	13174513	9.880265	10.119734	80
21	7593164	13169740	9.880423	10.119577	79
22	7595916	13164968	9.880580	10.119420	78
23	7598669	13160199	9.880737	10.119262	77
24	7601422	13155432	9.880895	10.119105	76
25	7604176	13150667	9.881052	10.118948	75
26	7606931	13145905	9.881209	10.118790	74
27	7609687	13141144	9.881367	10.118633	73
28	7612443	13136386	9.881524	10.118476	72
29	7615201	13131630	9.881681	10.118318	71
30	7617958	13126876	9.881838	10.118161	70
31	7620717	13122124	9.881996	10.118004	69
32	7623476	13117375	9.882153	10.117847	68
33	7626236	13112628	9.882310	10.117690	67
		Tangens		*Log.Tang*	M

37 GRAD.

M	Sinus		Log.Sin.		
33	6064048	7951561	9.782762	9.900452	57
34	6065436	7950502	9.782862	9.900394	66
35	6066823	7949443	9.782961	9.900337	65
36	6068211	7948384	9.783060	9.900279	64
37	6069598	7947325	9.783160	9.900221	63
38	6070985	7946266	9.783259	9.900163	62
39	6072372	7945206	9.783358	9.900105	61
40	6073758	7944146	9.783457	9.900047	50
41	6075145	7943086	9.783556	9.899989	59
42	6076531	7942025	9.783656	9.899931	58
43	6077917	7940965	9.783755	9.899873	57
44	6079303	7939904	9.783854	9.899815	56
45	6080688	7938843	9.783953	9.899757	55
46	6082074	7937781	9.784052	9.899699	54
47	6083459	7936720	9.784150	9.899641	5
48	6084844	7935658	9.784249	9.899583	5
49	6086229	7934596	9.784348	9.899525	5
50	6087614	7933533	9.784447	9.899466	5
51	6088999	7932471	9.784546	9.899408	4
52	6090383	7931408	9.784644	9.899350	4
53	6091767	7930345	9.784743	9.899292	4
54	6093151	7929281	9.784842	9.899234	4
55	6094535	7928217	9.784940	9.899175	4
56	6095919	7927154	9 785039	9.899117	4
57	6097302	7926090	9.785138	9.899059	4
58	6098685	7925026	9.785236	9.899000	[illegible]
59	6100069	7923961	9.785335	9.898942	[illegible]
60	6101451	7922896	9.785433	9.898884	[illegible]
61	6102834	7921831	9.785531	9.898825	[illegible]
62	6104217	7920766	9.785630	9 898767	[illegible]
63	6105599	7919700	9.785728	9.898709	[illegible]
64	6106981	7918635	9.785826	9.898650	[illegible]
65	6108363	7917569	9.785925	9.898592	[illegible]
66	6109745	7916502	9 786023	9.898533	[illegible]
		Sinus		Log.Sin.	

GRAD.

37 GRAD.

M	Tangen		Log.Tan		
33	7626236	13112628	9.882310	10.117690	67
34	7628997	13107882	9.882467	10.117532	66
35	7631759	13103139	9.882624	10.117375	65
36	7634521	13098399	9.882782	10.117218	64
37	7637284	13093660	9.882939	10.117061	63
38	7640047	13088923	9.883096	10.116904	62
39	7642812	13084189	9.883253	10.116747	61
40	7645577	13079457	9.883410	10.116590	60
41	7648343	13074727	9.883567	10.116432	59
42	7651110	13069999	9.883724	10.116275	58
43	7653877	13065273	9.883881	10.116118	57
44	7656645	13060550	9.884038	10.115961	56
45	7659414	13055828	9.884195	10.115804	55
46	7662184	13051109	9.884352	10.115647	54
47	7664954	13046392	9.884509	10.115490	53
48	7667725	13041677	9.884666	10.115333	52
49	7670497	13036964	9.884823	10.115176	51
50	7673270	13032254	9.884980	10.115019	50
51	7676043	13027545	9.885137	10.114862	49
52	7678817	13022839	9.885294	10.114705	48
53	7681592	13018134	9.885451	10.114549	47
54	7684367	13013432	9.885608	10.114392	46
55	7687144	13008732	9.885765	10.114235	45
56	7689921	13004034	9.885922	10.114078	44
57	7692699	12999339	9.886079	10.113921	43
58	7695477	12994645	9.886235	10.113764	42
59	7698256	12989954	9.886392	10.113607	41
60	7701037	12985264	9.886549	10.113451	40
61	7703817	12980577	9.886706	10.113294	39
62	7706599	12975892	9.886863	10.113137	38
63	7709381	12971209	9.887019	10.112980	37
64	7712164	12966528	9.887176	10.112824	36
65	7714948	12961850	9.887333	10.112667	35
66	7717732	12957173	9.887490	10.112510	34
		Tangens		Log.Tan.	M

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37 GRAD.

M	Sinus		Log.Sin.		
67	6111127	7915436	9.786121	9.898475	33
68	6112508	7914369	9.786219	9.898416	32
69	6113889	7913302	9.786317	9.898358	31
70	6115270	7912235	9.786415	9.898299	30
71	6116651	7911168	9.786514	9.898240	29
72	6118032	7910100	9.786612	9.898182	28
73	6119412	7909032	9.786710	9.898123	27
74	6120792	7907964	9.786807	9.898064	26
75	6122173	7906896	9.786905	9.898006	25
76	6123553	7905827	9.787003	9.897947	24
77	6124932	7904758	9.787101	9.897888	23
78	6126312	7903689	9.787199	9.897830	22
79	6127691	7902620	9.787297	9.897771	21
80	6129070	7901550	9.787394	9.897712	20
81	6130449	7900480	9.787492	9.897653	19
82	6131828	7899410	9.787590	9.897594	18
83	6133207	7898340	9.787687	9.897536	17
84	6134585	7897269	9.787785	9.897477	16
85	6135963	7896198	9.787883	9.897418	15
86	6137341	7895127	9.787980	9.897359	14
87	6138719	7894056	9.788078	9.897300	1
88	6140097	7892984	9.788175	9.897241	1
89	6141474	7891913	9.788272	9.897182	1
90	6142852	7890841	9.788370	9.897123	1
91	6144229	7889768	9.788467	9.897064	
92	6145606	7888696	9.788565	9.897005	
93	6146983	7887623	9.788662	9.896946	
94	6148359	7886550	9.788759	9.896887	
95	6149736	7885477	9.788856	9.896828	
96	6151112	7884403	9.788953	9.896769	
97	6152488	7883330	9.789051	9.896710	
98	6153864	7882256	9.789148	9.896650	
99	6155239	7881182	9.789245	9.896591	
	6156615	7880107	9.789342	9.896532	
		Sinus		Log.Sin.	

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M	Tangen		Log.Tan		
67	7720518	12952499	9.887646	10.112353	33
68	7723304	12947826	9.887803	10.112197	32
69	7726091	12943156	9.887960	10.112040	31
70	7728878	12938488	9.888116	10.111883	30
71	7731666	12933822	9.888273	10.111727	29
72	7734455	12929158	9.888430	10.111570	28
73	7737245	12924496	9.888586	10.111413	27
74	7740036	12919836	9.888743	10.111257	26
75	7742827	12915178	9.888899	10.111100	25
76	7745619	12910523	9.889056	10.110944	24
77	7748412	12905870	9.889213	10.110787	23
78	7751206	12901218	9.889369	10.110631	22
79	7754000	12896569	9.889526	10.110474	21
80	7756795	12891922	9.889682	10.110317	20
81	7759591	12887277	9.889839	10.110161	19
82	7762387	12882634	9.889995	10.110004	18
83	7765185	12877993	9.890152	10.109848	17
84	7767983	12873354	9.890308	10.109692	16
85	7770782	12868718	9.890465	10.109535	15
86	7773581	12864083	9.890621	10.109379	14
87	7776382	12859451	9.890777	10.109222	13
88	7779183	12854820	9.890934	10.109066	12
89	7781985	12850192	9.891090	10.108909	11
90	7784787	12845565	9.891247	10 108753	10
91	7787591	12840941	9.891403	10.108597	9
92	7790395	12836319	9.891559	10.108440	8
93	7793200	12831699	9.891716	10.108284	7
94	7796006	12827081	9.891872	10.108128	6
95	7798812	12822465	9.892028	10.107971	5
96	7801619	12817851	9.892185	10.107815	4
97	7804427	12813239	9.892341	10.107659	3
98	7807236	12808629	9.892497	10.107502	2
99	7810046	12804022	9.892653	10.107346	1
	7812856	12799416	9.892810	10.107190	0
		Tangens		Log.Tang	M

38 GRAD.

M	Sinus		Log.Sin.		
0	6156615	7880107	9.789342	9.896532	
1	6157990	7879033	9.789439	9.896473	99
2	6159365	7877958	9.789536	9.896413	98
3	6160740	7876883	9.789633	9.896354	97
4	6162114	7875807	9.789730	9.896295	96
5	6163489	7874732	9.789826	9.896236	95
6	6164863	7873656	9.789923	9.896176	94
7	6166237	7872580	9.790020	9.896117	93
8	6167611	7871503	9.790117	9.896057	92
9	6168985	7870427	9.790214	9.895998	91
10	6170359	7869350	9.790310	9.895939	90
11	6171732	7868273	9.790407	9.895879	89
12	6173105	7867196	9.790503	9.895820	88
13	6174478	7866118	9.790600	9.895760	87
14	6175851	7865040	9 790697	9.895701	86
15	6177223	7863962	9.790793	9.895641	85
16	6178596	7862884	9.790890	9.895582	84
17	6179968	7861806	9.790986	9.895522	83
18	6181340	7860727	9.791082	9.895463	82
19	6182712	7859648	9.791179	9.895403	81
20	6184084	7858569	9.791275	9.895343	80
21	6185455	7857489	9 791371	9.895284	79
22	6186827	7856410	9.791468	9.895224	78
23	6188198	7855330	9.791564	9.895164	77
24	6189569	7854250	9.791660	9.895105	76
25	6190939	7853169	9.791756	9.895045	75
26	6192310	7852088	9.791852	9.894985	74
27	6193680	7851008	9.791949	9.894925	73
28	6195050	7849926	9.792045	9.894865	72
29	6196420	7848845	9.792141	9.894806	71
30	6197790	7847764	9.792237	9.894746	70
31	6199160	7846682	9.792333	9.894686	69
32	6200529	7845600	9.792429	9.894626	68
33	6201898	7844517	9.792524	9.894566	67
		Sinus		Log.Sin.	M

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M	Tangen		*Log.Tan*		
0	7812856	12799416	9.892810	10.107190	
1	7815667	12794813	9.892966	10.107034	99
2	7818479	12790211	9.893122	10.106878	98
3	7821291	12785612	9.893278	10.106721	97
4	7824105	12781014	9.893434	10.106565	96
5	7826919	12776419	9.893591	10.106409	95
6	7829734	12771825	9.893747	10.106253	94
7	7832550	12767234	9.893903	10.106096	93
8	7835365	12762645	9.894059	10.105940	92
9	7838183	12758058	9.894215	10.105784	91
10	7841001	12753473	9.894371	10.105628	90
11	7843820	12748889	9.894527	10.105472	89
12	7846640	12744308	9.894684	10.105316	88
13	7849460	12739729	9.894840	10.105160	87
14	7852281	12735152	9.894996	10.105004	86
15	7855103	12730577	9.895152	10.104848	85
16	7857926	12726004	9.895308	10.104692	84
17	7860749	12721434	9.895464	10.104536	83
18	7863573	12716865	9.895620	10.104380	82
19	7866398	12712298	9.895776	10.104224	81
20	7869224	12707733	9.895932	10.104068	80
21	7872050	12703170	9.896088	10.103912	79
22	7874878	12698610	9.896244	10.103756	78
23	7877706	12694051	9.896400	10.103600	77
24	7880535	12689494	9.896555	10.103444	76
25	7883364	12684939	9.896711	10.103288	75
26	7886195	12680387	9.896867	10.103132	74
27	7889026	12675836	9.897023	10.102976	73
28	7891858	12671287	9.897179	10.102821	72
29	7894690	12666741	9.897335	10.102665	71
30	7897524	12662196	9.897491	10.102509	70
31	7900358	12657653	9.897647	10.102353	69
32	7903193	12653113	9.897802	10.102197	68
33	7906029	12648574	9.897958	10.102041	67
		Tangens		*Log.Tang*	M

M	Sinus		Log. Sin.		
33	6201898	7844517	9.792524	9.894566	57
34	6203267	7843435	9.792620	9.894506	66
35	6204636	7842352	9.792716	9.894446	65
36	6206005	7841269	9.792812	9.894386	64
37	6207373	7840186	9.792908	9.894326	63
38	6208742	7839102	9.793003	9.894266	62
39	6210110	7838018	9.793099	9.894206	61
40	6211478	7836934	9.793195	9.894146	60
41	6212845	7835850	9.793290	9.894086	59
42	6214213	7834766	9.793386	9.894026	58
43	6215580	7833681	9.793481	9.893966	57
44	6216947	7832596	9.793577	9.893906	56
45	6218314	7831511	9.793672	9.893845	55
46	6219682	7830425	9.793768	9.893785	54
47	6221048	7829340	9.793863	9.893725	53
48	6222414	7828254	9.793959	9.893665	52
49	6223780	7827168	9.794054	9.893604	51
50	6225146	7826081	9.794149	9.893544	50
51	6226512	7824995	9.794245	9.893484	49
52	6227878	7823908	9.794340	9.893424	48
53	6229243	7822821	9.794435	9.893363	47
54	6230608	7821733	9.794530	9.893303	46
55	6231973	7820646	9.794625	9.893242	45
56	6233338	7819558	9.794721	9.893182	44
57	6234703	7818470	9.794816	9.893122	43
58	6236067	7817382	9.794911	9.893061	42
59	6237432	7816293	9.795006	9.893001	41
60	6238796	7815205	9.795101	9.892940	40
61	6240160	7814116	9.795196	9.892880	39
62	6241523	7813026	9.795290	9.892820	38
63	6242887	7811937	9.795385	9.892759	37
64	6244250	7810847	9.795480	9.892698	36
65	6245613	7809757	9.795575	9.892637	35
66	6246976	7808667	9.795670	9.892577	34
		Sinus		Log. Sin.	M

M	Tangen.		Log. Tan		
33	7906029	12648574	9.897958	10.102042	67
34	7908866	12644038	9.898114	10.101886	66
35	7911703	12639503	9.898270	10.101730	65
36	7914641	12634970	9.898426	10.101574	64
37	7917380	12630440	9.898581	10.101418	63
38	7920220	12625911	9.898737	10.101263	62
39	7923061	12621384	9.898893	10.101107	61
40	7925902	12616860	9.899049	10.100951	60
41	7928744	12612337	9.899204	10.100795	59
42	7931587	12607816	9.899360	10.100640	58
43	7934431	12603298	9.899516	10.100484	57
44	7937275	12598781	9.899671	10.100328	56
45	7940121	12594266	9.899827	10.100173	55
46	7942967	12589754	9.899983	10.100017	54
47	7945814	12585243	9.900138	10.099861	53
48	7948661	12580734	9.900294	10.099706	52
49	7951510	12576228	9.900449	10.099550	51
50	7954359	12571723	9.900605	10.099395	50
51	7957209	12567220	9.900761	10.099239	49
52	7960060	12562719	9.900916	10.099083	48
53	7962911	12558220	9.901072	10.098928	47
54	7965764	12553723	9.901227	10.098772	46
55	7968617	12549229	9.901383	10.098617	45
56	7971471	12544736	9.901538	10.098461	44
57	7974326	12540245	9.901694	10.098306	43
58	7977181	12535756	9.901849	10.098150	42
59	7980037	12531269	9.902005	10.097995	41
60	7982895	12526783	9.902160	10.097839	40
61	7985753	12522300	9.902316	10.097684	39
62	7988611	12517819	9.902471	10.097528	38
63	7991471	12513340	9.902627	10.097733	37
64	7994332	12508863	9.902782	10.097218	36
65	7997193	12504387	9.902937	10.097062	35
66	8000055	12499914	9.903093	10.096907	34
		Tangens		Log. Tan.	M

GRAD. 51.

M	Sinus		*Log. Sin.*		
67	6248339	7807576	9.795764	9.892516	33
68	6249702	7806486	9.795859	9.892455	32
69	6251064	7805395	9.795954	9.892395	31
70	6252426	7804304	9.796048	9.892334	30
71	6253788	7803213	9.796143	9.892273	29
72	6255150	7802121	9.796238	9.892212	28
73	6256512	7801029	9.796332	9.892152	27
74	6257873	7799937	9.796426	9.892091	26
75	6259235	7798845	9.796521	9.892030	25
76	6260596	7797752	9.796615	9.891969	24
77	6261956	7796659	9.796710	9.891908	23
78	6263317	7795566	9.796804	9.891847	22
79	6264678	7794473	9.796899	9.891787	21
80	6266038	7793379	9.796993	9.891726	20
81	6267398	7792285	9.797087	9.891665	19
82	6268758	7791192	9.797181	9.891604	18
83	6270118	7790097	9.797276	9.891543	17
84	6271477	7789003	9.797370	9.891482	16
85	6272837	7787908	9.797464	9.891421	15
86	6274196	7786813	9.797558	9.891360	14
87	6[illegible]75555	7785718	9.797652	9.891298	13
88	6276913	7784623	9.797746	9.891237	12
89	6278272	7783527	9.797840	9.891176	11
90	6279630	7782431	9.797934	9.891115	10
91	6280989	7781335	9.798028	9.891054	9
92	6282346	7780239	9.798122	9.890993	8
93	6283704	7779142	9.798216	9.890932	7
94	6285062	7778045	9.798309	9.890870	6
95	6286419	7776948	9.798403	9.890810	5
96	6287777	7775851	9.798497	9.890748	4
97	6289134	7774753	9.798591	9.890686	3
98	6290491	7773656	9.798684	9.890625	2
99	6291847	7772558	9.798778	9.890564	1
	6293204	7771459	9.798872	9.890503	0
		Sinus		*Log. Sin*	M

38 GRAD.

M	Tangen		Log.Tan		
67	8002917	12495443	9.903248	10.096751	33
68	8005781	12490973	9.903404	10.096596	32
69	8008645	12486506	9.903559	10.096441	31
70	8011511	12482040	9.903714	10.096285	30
71	8014376	12477576	9.903870	10.096130	29
72	8017243	12473115	9.904025	10.095975	28
73	8020111	12468655	9.904180	10.095819	27
74	8022979	12464197	9.904335	10.095664	26
75	8025848	12459742	9.904491	10.095509	25
76	8028718	12455288	9.904646	10.095354	24
77	8031589	12450836	9.904801	10.095198	23
78	8034461	12446386	9.904956	10.095043	22
79	8037333	12441937	9.905112	10.094888	21
80	8040206	12437491	9.905267	10.094733	20
81	8043080	12433047	9.905422	10.094577	19
82	8045955	12428605	9.905577	10.094422	18
83	8048831	12424164	9.905733	10.094267	17
84	8051707	12419726	9.905888	10.094112	16
85	8054584	12415290	9.906043	10.093957	15
86	8057462	12410855	9.906198	10.093802	14
87	8060341	12406422	9.906353	10.093646	13
88	8063221	12401991	9.906508	10.093491	12
89	8066101	12397563	9.906663	10.093336	11
90	8068983	12393136	9.906819	10 093181	10
91	8071865	12388711	9.906974	10.093026	9
92	8074747	12384288	9.907129	10.092871	8
93	8077631	12379866	9.907284	10.092715	7
94	8080516	12375447	9.907439	10.092561	6
95	8083401	12371030	9.907594	10.092406	5
96	8086287	12366614	9.907749	10.092251	4
97	8089174	12362201	9.907904	10.092096	3
98	8092062	12357789	9.908059	10.091941	2
99	8094951	12353379	9.908214	10.091786	1
	8097840	12348971	9.908369	10.091631	0
		Tangens		Log.Tang.	M

GRAD. 51.

39 GRAD.

M	Sinus		*Log. Sin.*		
0	6293204	7771459	9.798872	9.890502	
1	6294560	7770361	9.798965	9.890441	99
2	6295916	7769262	9.799059	9.890380	98
3	6297272	7768163	9.799152	9.890318	97
4	6298628	7757064	9.799246	9.890257	96
5	6299983	7765965	9.799339	9.890195	95
6	6301339	7764865	9.799433	9.890134	94
7	6302694	7763765	9.799526	9.890072	93
8	6304049	7762665	9.799619	9.890011	92
9	6305403	7761564	9.799713	9.889949	91
10	6306758	7760464	9.799806	9.889887	90
11	6308112	7759363	9.799899	9.889826	89
12	6309466	7758262	9.799992	9.889764	88
13	6310820	7757161	9.800086	9.889703	87
14	6312174	7756059	9 800179	9.889641	86
15	6313528	7754957	9.800272	9.889579	85
16	6314881	7753855	9.800365	9.889517	84
17	6316234	7752753	9.800458	9.889456	83
18	6317587	7751650	9.800551	9.889394	82
19	6318940	7750548	9.800644	9.889332	81
20	6320293	7749445	9.800737	9.889270	80
21	6321645	7748341	9.800830	9.889209	79
22	6322998	7747238	9 800923	9.889147	78
23	6324350	7746134	9.801016	9.889085	77
24	6325701	7745030	9.801109	9.889023	76
25	6327053	7743926	9.801201	9.888961	75
26	6328405	7742822	9.801294	9.888899	74
27	6329756	7741717	9.801387	9.888837	73
28	6331107	7740612	9.801479	9.888775	72
29	6332458	7739507	9.801572	9.888713	71
30	6333809	7738402	9.801665	9.888651	70
31	6335159	7737296	9.801757	9.888589	69
32	6336509	7736191	9.801850	9.888527	68
33	6337859	7735084	9.801942	9.888465	67
		Sinus		*Log. Sin.*	M

GRAD. 50

39 GRAD.

M	Tangen		Log.Tan		
0	8097840	12348971	9.908369	10.091631	
1	8100730	12344565	9.908524	10.091476	99
2	8103621	12340161	9.908679	10.091321	98
3	8106513	12335759	9.908834	10.091166	97
4	8109406	12331359	9.908989	10.091011	96
5	8112300	12326961	9.909144	10.090856	95
6	8115194	12322564	9.909299	10.090701	94
7	8118089	12318169	9.909454	10.090546	93
8	8120985	12313777	9.909609	10.090391	92
9	8123882	12309386	9.909763	10.090236	91
10	8126779	12304997	9.909918	10.090081	90
11	8129678	12300610	9.910073	10.089926	89
12	8132577	12296225	9.910228	10.089772	88
13	8135477	12291842	9.910383	10.089617	87
14	8138378	12287460	9.910538	10.089462	86
15	8141280	12283081	9.910692	10.089307	85
16	8144182	12278703	9.910847	10.089152	84
17	8147086	12274327	9.911002	10.088998	83
18	8149991	12269953	9.911157	10.088843	82
19	8152895	12265581	9.911312	10.088688	81
20	8155801	12261211	9.911466	10.088533	80
21	8158707	12256843	9.911621	10.088378	79
22	8161615	12252477	9.911776	10.088224	78
23	8164523	12248112	9.911931	10.088069	77
24	8167432	12243749	9.912085	10.087914	76
25	8170342	12239388	9.912240	10.087760	75
26	8173253	12235030	9.912395	10.087605	74
27	8176165	12230672	9.912549	10.087450	73
28	8179077	12226317	9.912704	10.087295	72
29	8181991	12221964	9.912859	10.087141	71
30	8184905	12217612	9.913013	10.086986	70
31	8187820	12213263	9.913168	10.086832	59
32	8190736	12208915	9.913323	10.086677	68
33	8193652	12204569	9 913477	10.086522	67
		Tangens		Log. Tan.	M.

GRAD. 50

M	Sinus		Log. Sin.		
33	6337859	7735084	9.801942	9.888465	67
34	6339209	7733978	9.802035	9.888403	66
35	6340559	7732872	9.802127	9.888341	65
36	6341909	7731765	9.802220	9.888278	64
37	6343258	7730658	9.802312	9.888216	63
38	6344607	7729551	9.802405	9.888154	62
39	6345956	7728443	9.802497	9.888092	61
40	6347305	7727336	9.802589	9.888030	60
41	6348654	7726228	9.802681	9.887967	59
42	6350002	7725119	9.802774	9.887905	58
43	6351350	7724011	9.802866	9.887843	57
44	6352698	7722902	9.802958	9.887780	56
45	6354046	7721794	9.803050	9.887718	55
46	6355393	7720684	9.803142	9.887656	54
47	6356741	7719575	9.803234	9.887593	53
48	6358088	7718465	9.803326	9.887531	52
49	6359435	7717356	9.803418	9.887468	51
50	6360782	7716245	9.803510	9.887406	50
51	6362129	7715135	9.803602	9.887343	49
52	6363475	7714025	9.803694	9.887281	48
53	6364821	7712914	9.803786	9.887218	47
54	6366167	7711803	9.803878	9.887156	46
55	6367513	7710692	9.803970	9.887093	45
56	6368859	7709583	9.804061	9.887031	44
57	6370204	7708469	9.804153	9.886968	43
58	6371550	7707357	9.804245	9.886905	42
59	6372895	7706245	9.804337	9.886843	41
60	6374240	7705132	9.804428	9.886780	40
61	6375584	7704020	9.804520	9.886717	39
62	6376929	7702907	9.804611	9.886654	38
63	6378273	7701794	9.804703	9.886592	37
64	6379617	7700680	9.804794	9.886529	36
65	6380961	7699567	9.804886	9.886466	35
66	6382305	7698453	9.804977	9.886403	34
		Sinus		Log. Sin.	M

39 GRAD.

M	Tangen		*Log.Tan*		
33	8193652	12204569	9.913477	10.086522	67
34	8196570	12200225	9.913632	10.086368	66
35	8199488	12195883	9.913786	10.086213	65
36	8202407	12191542	9.913941	10.086058	64
37	8205327	12187204	9.914096	10.085904	63
38	8208248	12182867	9.914250	10.085749	62
39	8211170	12178532	9.914405	10.085595	61
40	8214092	12174199	9.914559	10.085440	60
41	8217016	12169868	9.914714	10.085286	59
42	8219940	12165539	9.914868	10.085131	58
43	8222865	12161211	9.915023	10.084977	57
44	8225791	12156885	9.915177	10.084822	56
45	8228718	12152562	9.915332	10.084668	55
46	8231645	12148240	9.915486	10.084513	54
47	8234573	12143919	9.915641	10.084359	53
48	8237503	12139601	9.915795	10.084204	52
49	8240433	12135285	9.915950	10.084050	51
50	8243364	12130970	9.916104	10.083895	50
51	8246295	12126657	9.916259	10.083741	49
52	8249228	12122346	9.916413	10.083586	48
53	8252161	12118037	9.916568	10.083432	47
54	8255096	12113729	9.916722	10.083278	46
55	8258031	12109424	9.916876	10.083123	45
56	8260967	12105120	9.917031	10.082969	44
57	8263904	12100818	9.917185	10.082815	43
58	8266841	12096518	9.917339	10.082660	42
59	8269780	12092220	9.917494	10.082506	41
60	8272719	12087923	9.917648	10.082352	40
61	8275659	12083629	9.917802	10.082197	39
62	8278601	12079336	9.917957	10.082043	38
63	8281542	12075045	9.918111	10.081889	37
64	8284485	12070756	9.918265	10.081734	36
65	8287429	12066468	9.918420	10.081580	35
66	8290373	12062182	9.918574	10.081426	34
		Tangen		*Log. Tan.*	M

GRAD. 50

39 GRAD.

M	Sinus		Log. Sin.		
67	6383649	7697339	9.805069	9.886340	33
68	6384992	7696225	9.805160	9.886278	32
69	6386335	7695110	9.805252	9.886215	31
70	6387678	7693995	9.805343	9.886152	30
71	6389021	7692880	9.805434	9.886089	29
72	6390363	7691765	9.805526	9.886026	28
73	6391706	7690650	9.805617	9.885963	27
74	6393048	7689534	9.805708	9.885900	26
75	6394390	7688418	9.805799	9.885837	25
76	6395732	7687302	9.805890	9.885774	24
77	6397073	7656186	9.805981	9.885711	23
78	6398415	7685069	9.806072	9.885648	22
79	6399756	7683952	9.806163	9.885584	21
80	6401097	7682835	9.806254	9.885521	20
81	6402438	7681718	9.806345	9.885458	19
82	6403778	7680600	9.806436	9.885395	18
83	6405119	7679482	9.806527	9.885332	17
84	6406459	7678364	9.806618	9.885269	16
85	6407799	7677246	9.806709	9.885205	15
86	6409139	7676128	9.806799	9.885142	14
87	6410478	7675009	9.806890	9.885079	13
88	6411818	7673890	9.806981	9.885015	12
89	6413157	7672771	9.807072	9.884952	11
90	6414496	7671651	9.807162	9.884889	10
91	6415835	7670532	9.807253	9.884825	9
92	6417174	7669412	9.807344	9.884762	8
93	6418512	7668292	9.807434	9.884698	7
94	6419850	7667171	9.807525	9.884635	6
95	6421188	7666051	9.807615	9.884571	5
96	6722526	7664930	9.807706	9.884509	4
97	6423864	7663809	9.807796	9.884444	3
98	6425202	7662688	9.807887	9.884381	2
99	6426539	7661566	9.807977	9.884317	1
	6427876	7660444	9.808067	9.884254	0
		Sinus		Log. Sin.	M

GRAD. 50

M	Tangen		Log.Tan		
67	8293319	12057899	9.918728	10.081271	33
68	8296265	12053617	9.918882	10 081117	32
69	8299212	12049336	9.919037	10.080963	31
70	8302160	12045058	9.919191	10.080809	30
71	8305108	12040781	9.919345	10 080654	29
72	8308058	12036507	9.919499	10.080500	28
73	8311009	12032234	9.919654	10.080346	27
74	8313960	12027962	9.919808	10.080192	26
75	8316912	12023693	9.919962	10.080038	25
76	8319865	12019425	9.920116	10.079884	24
77	8322819	12015159	9.920270	10.079729	23
78	8325774	12010895	9.920424	10.079575	22
79	8328729	12006633	9.920579	10.079421	21
80	8331686	12002373	9.920733	10.079267	20
81	8334643	11998114	9.920887	10.079113	19
82	8337601	11993857	9.921041	10.078959	18
83	8340560	11989602	9.921195	10.078805	17
84	8343520	11985348	9.921349	10.078650	16
85	8346481	11981097	9.921503	10.078496	15
86	8349442	11976847	9 921657	10.078342	14
87	8352405	11972599	9.921811	10.078188	13
88	8355368	11968353	9.921965	10.078034	12
89	8358333	11964108	9.922119	10.077880	11
90	8361298	11959866	9.922273	10 077726	10
91	8364264	11955625	9.922428	10.077572	9
92	8367230	11951386	9.922582	10.077418	8
93	8370198	11947148	9.922736	10.077264	7
94	8373167	11942912	9.922890	10.077110	6
95	8376136	11938679	9.923044	10.076956	5
96	8379106	11934446	9 923198	10.076802	4
97	8382077	11930216	9.923351	10.076648	3
98	8385049	11925988	9.923505	10.076494	2
99	8388022	11921761	9.923659	10.076340	1
	8390996	11917535	9.923813	10.076186	0
		Tangens		Log.Tang	M

40 GRAD.

M	Sinus		Log.Sin.		
0	6427876	7660444	9.808067	9.884254	
1	6429213	7659322	9.808158	9.884190	99
2	6430550	7658200	9.808248	9.884127	98
3	6431886	7657077	9.808338	9.884063	97
4	6433222	7655955	9.808428	9.883999	96
5	6434558	7654832	9.808519	9.883935	95
6	6435894	7653709	9.808609	9.883872	94
7	6437230	7652585	9.808699	9.883808	93
8	6438566	7651462	9.808789	9.883744	92
9	6439901	7650338	9.808879	9.883680	91
10	6441236	7649214	9.808969	9.883617	90
11	6442571	7648089	9.809059	9.883553	89
12	6443906	7646965	9.809149	9.883489	88
13	6445240	7645840	9.809239	9.883425	87
14	6446575	7644715	9.809329	9.883361	86
15	6447909	7643590	9.809419	9.883297	85
16	6449242	7642464	9.809509	9.883233	84
17	6450577	7641339	9.809598	9.883169	83
18	6451910	7640213	9.809688	9.883105	82
19	6453244	7639087	9.809778	9.883041	81
20	6454577	7637960	9.809868	9.882977	80
21	6455910	7636833	9.809957	9.882913	79
22	6457242	7635707	9.810047	9.882849	78
23	6458575	7634579	9.810137	9.882785	77
24	6459907	7633452	9.810226	9.882721	76
25	6461240	7632324	9.810316	9.882657	75
26	6462572	7631197	9.810405	9.882592	74
27	6463903	7630069	9.810495	9.882528	73
28	6465235	7628940	9.810584	9.882464	72
29	6466566	7627812	9.810574	9.882400	71
30	6467898	7626683	9.810763	9.882336	70
31	6469229	7625554	9.810852	9.882271	69
32	6470560	7624425	9.810942	9.882207	68
33	6471890	7623295	9.811031	9.882143	67
		Sinus		Log.Sin	M

GRAD. 49

M	Tangen		Log.Tan		
0	8390996	11917536	9.923813	10.076186	
1	8393971	11913312	9.923967	10.076032	99
2	8396946	11909091	9.924121	10.075878	98
3	8399923	11904871	9.924275	10.075725	97
4	8402902	11900653	9.924429	10.075571	96
5	8405878	11896437	9.924583	10.075417	95
6	8408857	11892222	9.924737	10.075263	94
7	8411837	11888009	9.924891	10.075109	93
8	8414818	11883798	9.925045	10.074955	92
9	8417799	11879589	9.925198	10.074801	91
10	8420782	11875382	9.925352	10.074647	90
11	8423765	11871176	9.925506	10.074494	89
12	8426742	11866972	9.925660	10.074340	88
13	8429734	11862769	9.925814	10.074186	87
14	8432720	11858569	9.925968	10.074032	86
15	8435707	11854370	9.926121	10.073878	85
16	8438695	11850173	9.926275	10.073724	84
17	8441684	11845977	9.926429	10.073571	83
18	8444673	11841784	9.926583	10.073417	82
19	8447663	11837592	9.926736	10.073263	81
20	8450655	11833402	9.926890	10.073109	80
21	8453647	11829213	9.927044	10.072956	79
22	8456640	11825026	9.927198	10.072802	78
23	8459634	11820842	9.927351	10.072648	77
24	8462629	11816658	9.927505	10.072494	76
25	8465625	11812477	9.927659	10.072341	75
26	8468621	11808297	9.927813	10.072187	74
27	8471619	11804119	9.927966	10.072033	73
28	8474617	11799942	9.928120	10.071880	72
29	8477616	11795768	9.928274	10.071726	71
30	8480617	11791595	9.928427	10.071572	70
31	8483618	11787424	9.928581	10.071419	59
32	8486619	11783254	9.928735	10.071265	68
33	8489622	11779087	9.928888	10.071111	67
		Tangens		Log. Tan.	M

40 GRAD.

M	Sinus		*Log. Sin.*		
33	6471890	7623295	9.811031	9.882143	67
34	6473220	7622166	9.811120	9.882078	66
35	6474551	7621036	9.811209	9.882014	65
36	6475881	7619906	9.811299	9.881949	64
37	6477211	7618775	9.811388	9.881885	63
38	6478540	7617645	9.811477	9.881821	62
39	6479870	7616514	9.811566	9.881756	61
40	6481199	7615383	9.811655	9.881692	60
41	6482528	7614252	9.811744	9.881627	59
42	6483857	7613120	9.811833	9.881562	58
43	6485185	7611988	9.811922	9.881498	57
44	6486514	7610856	9.812011	9.881433	56
45	6487842	7609724	9.812100	9.881369	55
46	6489170	7608592	9.812189	9.881304	54
47	6490498	7607459	9.812278	9.881239	53
48	6491826	7606326	9.812367	9.881175	52
49	6493153	7605193	9.812455	9.881110	51
50	6494480	7604059	9.812544	9.881045	50
51	6495807	7602926	9.812633	9.880981	49
52	6497134	7601792	9.812722	9.880916	48
53	6498461	7600658	9.812810	9.880851	47
54	6499787	7599524	9.812899	9.880786	46
55	6501114	7598389	9.812988	9.880721	45
56	6502440	7597254	9.813076	9.880656	44
57	6503766	7596119	9.813165	9.880592	43
58	6505091	7594984	9.813253	9.880527	42
59	6506417	7593849	9.813342	9.880462	41
60	6507742	7592713	9.813430	9.880397	40
61	6509067	7591577	9.813519	9.880332	39
62	6510392	7590441	9.813607	9.880267	38
63	6511717	7589304	9.813695	9.880202	37
64	6513041	7588168	9.813784	9.880137	36
65	6514365	7587031	9.813872	9.880072	35
66	6515689	7585894	9.813960	9.880007	34
		Sinus		*Log. Sin.*	M

GRAD. 49

M	Tangen		Log.Tan		
33	8489622	11779087	9.928888	10.071111	67
34	8492625	11774921	9.929042	10.070958	66
35	8495631	11770756	9.929195	10.070804	65
36	8498636	11766594	9.929349	10.070651	64
37	8501642	11762433	9.929503	10.070497	63
38	8504650	11758273	9.929656	10.070343	62
39	8507658	11754116	9.929810	10.070190	61
40	8510667	11749960	9.929963	10.070036	60
41	8513677	11745806	9.930117	10.069883	59
42	8516688	11741654	9.930271	10.069729	58
43	8519699	11737503	9.930424	10.069576	57
44	8522712	11733354	9.930578	10.069422	56
45	8525726	11729207	9.930731	10.069268	55
46	8528740	11725061	9.930885	10.069115	54
47	8531755	11720917	9.931038	10.068961	53
48	8534772	11716775	9.931192	10.068808	52
49	8537789	11712634	9.931345	10.068654	51
50	8540807	11708495	9.931499	10.068501	50
51	8543826	11704358	9.931652	10.068347	49
52	8546845	11700223	9.931806	10.068194	48
53	8549866	11696089	9.931959	10.068040	47
54	8552888	11691957	9.932113	10.067887	46
55	8555910	11687827	9.932266	10.067734	45
56	8558934	11683698	9.932419	10.067580	44
57	8561958	11679571	9.932573	10.067427	43
58	8564983	11675446	9.932726	10.067273	42
59	8568009	11671322	9.932880	10.067120	41
60	8571036	11667201	9.933033	10.066966	40
61	8574064	11663080	9.933187	10.066813	39
62	8577093	11658961	9.933340	10.066660	38
63	8580123	11654844	9.933493	10.066506	37
64	8583154	11650729	9.933647	10.066353	36
65	8586185	11646615	9.933800	10.066200	35
66	8589218	11642503	9.933953	10.066046	34
		Tangen		Log. Tan.	M

40 GRAD.

M	Sinus		Log.Sin.		
67	6517013	7584757	9.814048	9.879941	33
68	6518337	7583619	9.814137	9.879876	32
69	6519661	7582481	9.814225	9.879811	31
70	6520984	7581343	9.814313	9.879746	30
71	6522307	7580205	9.814401	9.879681	29
72	6523630	7579066	9.814489	9.879616	28
73	6524953	7577928	9.814577	9.879550	27
74	6526275	7576789	9.814565	9.879485	26
75	6527597	7575650	9.814753	9.879420	25
76	6528919	7574510	9.814841	9.879354	24
77	6530241	7573371	9.814929	9.879289	23
78	6531563	7572231	9.815017	9.879224	22
79	6532885	7571091	9.815105	9.879158	21
80	6534206	7569950	9.815193	9.879093	20
81	6535527	7568810	9.815280	9.879027	19
82	6536848	7567669	9.815368	9.878962	18
83	6538169	7566528	9.815456	9.878896	17
84	6539489	7565387	9.815544	9.878831	16
85	6540809	7564245	9.815631	9.878765	15
86	6542129	7563104	9.815719	9.878700	14
87	6543449	7561962	9.815807	9.878634	13
88	6544769	7560820	9.815894	9.878569	12
89	6546089	7559677	9.815982	9.878503	11
90	6547408	7558534	9.816069	9.878437	10
91	6548727	7557392	9.816157	9.878372	9
92	6550046	7556249	9.816244	9.878306	8
93	6551365	7555105	9.816332	9.878240	7
94	6552683	7553962	9.816419	9.878175	6
95	6554002	7552818	9.816506	9.878109	5
96	6555320	7551674	9.816594	9.878043	4
97	6556638	7550530	9.816681	9.877977	3
98	6557955	7549385	9.816768	9.877911	2
99	6559273	7548241	9.816856	9.877846	1
	656059	7547096	9.816943	9.877780	0
		Sinus		Log.Sin.	M

GRAD. 49

11638393
11634285
11630178
11626072
11621969
11617867
11613767
11609668
11605571
11601476
11597382
11593290
11589200
11585111
11581024
11576939
11572855
11568773
11564693
11560614
11556537
11552462
11548388
11544316
11540245
11536176
11532110
11528043
11523979
11519917
11515856
11511797
11507740
11503684
Tangens

M	Tangen		*Log.Tan*		
67	8592251	11638393	9.934107	10.065893	33
68	8595285	11634285	9.934260	10.065739	32
69	8598321	11630178	9.934413	10.065586	31
70	8601357	11626072	9.934567	10.065433	30
71	8604394	11621969	9.934720	10.065280	29
72	8607432	11617867	9.934873	10.065126	28
73	8610471	11613767	9.935027	10.064973	27
74	8613510	11609668	9.935180	10.064820	26
75	8616551	11605571	9.935333	10.064666	25
76	8619593	11601476	9.935487	10.064513	24
77	8622635	11597382	9.935640	10.064360	23
78	8625679	11593290	9.935793	10.064207	22
79	8628723	11589200	9.935946	10.064053	21
80	8631768	11585111	9.936100	10.063900	20
81	8634814	11581024	9.936253	10.063747	19
82	8637862	11576939	9.936406	10.063594	18
83	8640910	11572855	9.936559	10.063440	17
84	8643959	11568773	9.936712	10.063287	16
85	8647008	11564693	9.936866	10.063134	15
86	8650059	11560614	9.937019	10.062981	14
87	8653111	11556537	9.937172	10.062828	13
88	8656164	11552462	9.937325	10.062674	12
89	8659218	11548388	9.937478	10.062521	11
90	8662272	11544316	9.937632	10.062368	10
91	8665327	11540245	9.937785	10.062215	9
92	8668383	11536176	9.937938	10.062062	8
93	8671440	11532110	9.938091	10.061909	7
94	8674499	11528043	9.938244	10.061755	6
95	8677558	11523979	9.938397	10.061602	5
96	8680618	11519917	9.938550	10.061449	4
97	8683679	11515856	9.938704	10.061296	3
98	8686741	11511797	9.938857	10.061143	2
99	8689803	11507740	9.939010	10.060990	1
—	8692867	·11503684	9.939163	10.060837	0
		Tangens		*Log.Tang*	M

41 GRAD.

M	Sinus		Log.Sin.	
0	6560590	7547096	9.816943	9.877780
1	6561907	7545950	9.817030	9.877714
2	6563224	7544805	9.817117	9.877648
3	6564541	7543659	9.817204	9.877582
4	6565857	7542514	9.817291	9.877516
5	6567174	7541368	9.817378	9.877450
6	6568490	7540221	9.817465	9.877384
7	6569806	7539075	9.817552	9.877318
8	6571121	7537928	9.817639	9.877252
9	6572437	7536781	9.817726	9.877186
10	6573752	7535634	9.817813	9.877120
11	6575067	7534486	9.817900	9.877053
12	6576382	7533339	9.817987	9.876987
13	6577697	7532191	9.818074	9.876921
14	6579012	7531043	9.818160	9.876855
15	6580326	7529894	9.818247	9.876789
16	6581640	7528746	9.818334	9.876722
17	6582954	7527597	9.818421	9.876656
18	6584268	7526448	9.818507	9.876590
19	6585581	7525298	9.818594	9.876524
20	6586894	7524149	9.818681	9.876457
21	6588208	7522999	9.818767	9.876391
22	6589520	7521849	9.818854	9.876324
23	6590833	7520699	9.818940	9.876258
24	6592146	7519549	9.819027	9.876192
25	6593458	7518398	9.819113	9.876125
26	6594770	7517247	9.819199	9.876059
27	6596082	7516096	9.819286	9.875992
28	6597394	7514945	9.819372	9.875926
29	6598705	7513793	9.819459	9.875859
30	6600016	7512641	9.819545	9.875792
31	6601328	7511489	9.819631	9.875726
32	6602638	7510337	9.819717	9.875659
33	6603949	7509184	9.819804	9.875593
		Sinus		Log.Sin M

GRAD. 48

M	Tangen		Log.Tan		
0	8692867	11503684	9.939163	10.060837	
1	8695932	11499630	9.939316	10.060684	99
2	8698997	11495577	9.939469	10.060531	98
3	8702064	11491526	9.939622	10.060378	97
4	8705131	11487477	9.939775	10.060224	96
5	8708200	11483429	9.939928	10.060071	95
6	8711269	11479383	9.940081	10.059918	94
7	8714339	11475339	9.940234	10.059765	93
8	8717411	11471296	9 940387	10.059612	92
9	8720483	11467255	9.940540	10 059459	91
10	8723556	11463215	9.940693	10.059306	90
11	8726630	11459177	9.940846	10.059153	89
12	8729705	11455141	9.940999	10.059000	88
13	8732781	11451106	9.941152	10.058847	87
14	8735857	11447073	9.941305	10.058694	86
15	8738935	11443041	9.941458	10.058541	85
16	8742014	11439011	9.941611	10.058388	84
17	8745093	11434983	9.941764	10.058235	83
18	8748174	11430956	9.941917	10.058082	82
19	8751256	11426931	9.942070	10.057929	81
20	8754338	11422908	9.942223	10.057776	80
21	8757421	11418886	9.942376	10.057624	79
22	8760506	11414866	9.942529	10.057471	78
23	8763591	11410847	9.942682	10.057318	77
24	8766677	11406830	9.942835	10.057165	76
25	8769764	11402814	9.942988	10.057012	75
26	8772853	11398801	9.943141	10.056859	74
27	8775942	11394788	9.943293	10.056706	73
28	8779032	11390778	9.943446	10.056553	72
29	8782123	11386768	9.943599	10.056400	71
30	8785214	11382761	9.943752	10.056247	70
31	8788307	11378755	9.943905	10.056095	69
32	8791401	11374751	9.944058	10.055942	68
33	8794496	11370748	9.944211	10.055789	67
		Tangens		Log.Tang	M

41 GRAD.

M	Sinus		Log.Sin.		
33	6603949	7509184	9.819804	9.875593	57
34	6605260	7508032	9.819890	9.875526	66
35	6606570	7506879	9.819976	9.875459	65
36	6607880	7505725	9.820062	9.875392	64
37	6609190	7504572	9.820148	9.875326	63
38	6610500	7503418	9.820234	9.875259	62
39	6611809	7502265	9.820320	9.875192	61
40	6613118	7501110	9.820406	9.875125	60
41	6614428	7499956	9.820492	9.875059	59
42	6615736	7498802	9.820578	9.874992	58
43	6617045	7497647	9.820664	9.874925	57
44	6618354	7496492	9.820750	9.874858	56
45	6619662	7495337	9.820836	9.874791	55
46	6620970	7494181	9.820921	9.874724	54
47	6622278	7493025	9.821007	9.874657	53
48	6623586	7491870	9.821093	9.874590	52
49	6624893	7490713	9.821179	9.874523	51
50	6626200	7489557	9.821264	9.874456	50
51	6627507	7488400	9.821350	9.874389	49
52	6628814	7487244	9.821436	9.874322	48
53	6630121	7486087	9.821521	9.874255	47
54	6631427	7484929	9.821607	9.874188	4
55	6632734	7483772	9.821692	9.874120	4
56	6634040	7482614	9.821778	9.874053	4
57	6635346	7481456	9.821863	9.873986	4
58	6636651	7480298	9.821949	9.873919	4
59	6637957	7479139	9.822034	9.873851	4
60	6639262	7477981	9.822120	9.873784	4
61	6640567	7476822	9.822205	9.873717	3
62	6641872	7475663	9.822290	9.873650	3
63	6643176	7474503	9.822376	9.873582	3
64	6644481	7473344	9.822461	9.873515	3
65	6645785	7472184	9.822546	9.873447	3
66	6647089	7471024	9.822631	9.873380	3
		Sinus		Log.Sin.	M

GRAD. 4

M	Tangen		*Log.Tan*		
33	8794496	11370748	9.944211	10.055789	67
34	8797592	11366747	9.944364	10.055636	66
35	8800688	11362747	9.944516	10.055483	65
36	8803786	11358749	9.944669	10.055330	64
37	8806884	11354753	9.944822	10.055177	63
38	8809984	11350758	9.944975	10.055025	62
39	8813084	11346765	9.945128	10.054872	61
40	8816186	11342773	9.945281	10.054719	60
41	8819288	11338783	9.945433	10.054566	59
42	8822391	11334795	9.945586	10.054413	58
43	8825496	11330808	9.945739	10.054261	57
44	8828601	11326823	9.945892	10.054108	56
45	8831707	11322839	9.946044	10.053955	55
46	8834814	11318857	9.946197	10.053802	54
47	8837922	11314876	9.946350	10.053650	53
48	8841031	11310897	9.946503	10.053497	52
49	8844141	11306920	9.946655	10.053344	51
50	8847252	11302944	9.946808	10.053191	50
51	8850364	11298969	9.946961	10.053039	49
52	8853477	11294997	9.947114	10.052886	48
53	8856591	11291025	9.947266	10.052733	47
54	8859706	11287056	9.947419	10.052580	46
55	8862822	11283087	9.947572	10.052428	45
56	8865939	11279121	9.947725	10.052275	44
57	8869056	11275156	9.947877	10.052122	43
58	8872175	11271193	9.948030	10.051970	42
59	8875295	11267231	9.948183	10.051817	41
60	8878415	11263271	9.948335	10.051664	40
61	8881537	11259312	9.948488	10.051512	39
62	8884659	11255355	9.948641	10.051359	38
63	8887783	11251399	9.948793	10.051206	37
64	8890907	11247445	9.948946	10.051054	36
65	8894033	11243493	9.949099	10.050901	35
66	8897159	11239542	9.949251	10.050749	34
		Tangens		*Log. Tan.*	M

M	Sinus		Log.Sin.		
67	6648393	7469864	9.822716	9.873312	33
68	6649697	7468703	9.822802	9.873245	32
69	6651000	7467543	9.822887	9.873178	31
70	6652303	7466382	9.822972	9.873110	30
71	6653606	7465220	9.823057	9.873042	29
72	6654909	7464059	9.823142	9.872975	28
73	6656212	7462897	9.823227	9.872907	27
74	6657514	7461736	9.823312	9.872840	26
75	6658816	7460574	9.823397	9.872772	25
76	6660118	7459411	9.823482	9.872704	24
77	6661420	7458249	9.823567	9.872637	23
78	6662722	7457086	9.823651	9.872569	22
79	6664023	7455923	9.823736	9.872501	21
80	6665325	7454760	9.823821	9.872433	20
81	6666626	7453596	9.823906	9.872366	19
82	6667926	7452433	9.823991	9.872298	18
83	6669227	7451269	9.824075	9.872230	17
84	6670527	7450105	9.824160	9.872162	16
85	6671827	7448940	9.824245	9.872094	15
86	6673127	7447776	9.824329	9.872026	14
87	6674427	7446611	9.824414	9.871958	1
88	6675727	7445446	9.824498	9.871891	12
89	6677026	7444281	9.824583	9.871823	11
90	6678325	7443115	9.824667	9.871755	10
91	6679624	7441950	9.824752	9.871687	9
92	6680923	7440784	9.824836	9.871618	
93	6682222	7439617	9.824921	9.871550	
94	6683520	7438451	9.825005	9.871482	
95	6684818	7437284	9.825089	9.871414	
96	6686116	7436118	9.825174	9.871346	
97	6687414	7434951	9.825258	9.871278	
98	6688711	7433783	9.825342	9.871210	
99	6690009	7432616	9.825426	9.871141	
	6691306	7431448	9.825511	9.871073	
		Sinus		Log.Sin.	M

41 GRAD.

M	Tangen		Log.Tan		
67	8900287	11235593	9.949404	10.050596	33
68	8903415	11231645	9.949556	10.050443	32
69	8906544	11227698	9.949709	10.050291	31
70	8909675	11223754	9.949862	10.050138	30
71	8912806	11219810	9.950014	10.049985	29
72	8915938	11215869	9.950167	10.049833	28
73	8919072	11211929	9.950319	10.049680	27
74	8922206	11207990	9.950472	10.049528	26
75	8925341	11204053	9.950625	10.049375	25
76	8928477	11200118	9.950777	10.049222	24
77	8931614	11196184	9.950930	10.049070	23
78	8934753	11192251	9.951082	10.048917	22
79	8937892	11188320	9.951235	10.048765	21
80	8941032	11184391	9.951387	10.048612	20
81	8944173	11180463	9.951540	10.048460	19
82	8947315	11176537	9.951693	10.048307	18
83	8950458	11172612	9.951845	10.048155	17
84	8953602	11168689	9.951998	10.048002	16
85	8956747	11164767	9.952150	10.047849	15
86	8959893	11160847	9.952303	10.047697	14
87	8963040	11156929	9.952455	10.047544	13
88	8966188	11153012	9.952608	10.047392	12
89	8969337	11149096	9.952760	10.047239	11
90	8972487	11145182	9.952913	10.047087	10
91	8975638	11141269	9.953065	10.046934	9
92	8978789	11137358	9.953218	10.046782	8
93	8981942	11133449	9.953370	10.046629	7
94	8985096	11129541	9.953523	10.046477	6
95	8988251	11125634	9.953675	10.046325	5
96	8991407	11121730	9.953827	10.046172	4
97	8994564	11117826	9.953980	10.046020	3
98	8997722	11113924	9.954132	10.045867	2
99	9000880	11110024	9.954285	10.045715	1
	9004040	11106125	9.954437	10.045562	0
		Tangens		Log.Tang	M

GRAD. 48

42 GRAD.

M	Sinus		Log. Sin.		
0	6691306	7431448	9.825511	9.871073	
1	6692603	7430280	9.825595	9.871005	99
2	6693900	7429112	9.825679	9.870937	98
3	6695196	7427943	9.825763	9.870868	97
4	6696492	7426775	9.825847	9.870800	96
5	6697788	7425606	9.825931	9.870732	95
6	6699084	7424437	9.826015	9.870663	94
7	6700380	7423268	9.826099	9.870595	93
8	6701676	7422098	9.826183	9.870526	92
9	6702971	7420928	9.826267	9.870458	91
10	6704266	7419758	9.826351	9.870390	90
11	6705561	7418588	9.826435	9.870321	89
12	6706856	7417418	9.826519	9.870253	88
13	6708150	7416247	9.826603	9.870184	87
14	6709444	7415076	9.826686	9.870115	86
15	6710738	7413905	9.826770	9.870047	85
16	6712032	7412733	9.826854	9.869978	84
17	6713326	7411562	9.826938	9.869910	83
18	6714619	7410390	9.827021	9.869841	82
19	6715913	7409218	9.827105	9.869772	81
20	6717206	7408046	9.827188	9.869703	80
21	6718498	7406873	9.827272	9.869635	79
22	6719791	7405701	9.827356	9.869566	78
23	6721084	7404528	9.827439	9.869497	77
24	6722376	7403354	9.827523	9.869428	76
25	6723668	7402181	9.827606	9.869360	75
26	6724960	7401007	9.827689	9.869291	74
27	6726251	7399834	9.827773	9.869222	73
28	6727543	7398660	9.827856	9.869153	72
29	6728834	7397485	9.827940	9.869084	71
30	6730125	7396311	9.828023	9.869015	70
31	6731416	7395136	9.828106	9.868946	69
32	6732706	7393961	9.828189	9.868877	68
33	6733997	7392786	9.828273	9.868808	67
		Sinus		Log. Sin.	M

GRAD. 47

42 GRAD.

M	Tangen		Log.Tan		
0	9004040	11106125	9.954437	10.045562	
1	9007201	11102228	9.954590	10.045410	99
2	9010363	11098332	9.954742	10.045258	98
3	9013526	11094437	9.954895	10.045105	97
4	9016689	11090545	9.955047	10.044953	96
5	9019854	11086653	9.955194	10.044800	95
6	9023020	11082763	9.955359	10.044648	94
7	9026187	11078875	9.955504	10.044495	93
8	9029355	11074988	9.955657	10.044343	92
9	9032523	11071103	9.955809	10 044191	91
10	9035693	11067219	9.955961	10.044038	90
11	9038864	11063337	9.956114	10.043886	89
12	9042036	11059456	9.956266	10.043734	88
13	9045209	11055577	9.956418	10.043581	87
14	9048382	11051699	9.956571	10.043429	86
15	9051557	11047822	9.956723	10.043276	85
16	9054733	11043948	9.956875	10.043124	84
17	9057910	11040074	9.957028	10.042972	83
18	9061087	11036202	9.957180	10.042819	82
19	9064256	11032332	9.957332	10.042667	81
20	9067446	11028463	9.957485	10.042515	80
21	9070627	11024596	9.957637	10.042362	79
22	9073809	11020730	9.957789	10.042210	78
23	9076992	11016866	9.957942	10.042058	77
24	9080175	11013003	9.958094	10 041906	76
25	9083360	11009141	9.958246	10.041753	75
26	9086546	11005281	9.958399	10.041601	74
27	9089733	11001423	9.958551	10.041449	73
28	9092921	10997566	9.958703	10.041296	72
29	9096110	10993710	9 958856	10.041144	71
30	9099300	10989856	9.959008	10.040992	70
31	9102491	10986004	9.959160	10.040840	69
32	9105683	10982153	9.959312	10.040687	68
33	9108875	10978303	9.959465	10.040535	67
		Tangens		Log.Tang	M

GRAD. 47

M	Sinus		*Log. Sin.*		
33	6733997	7392786	9.828273	9.868808	57
34	6735287	7391610	9.828356	9.868739	66
35	6736577	7390435	9.828439	9.868670	65
36	6737867	7389259	9.828522	9.868601	64
37	6739156	7388083	9.828605	9.868532	63
38	6740446	7386907	9.828688	9.868462	62
39	6741735	7385730	9.828771	9.868393	61
40	6743024	7384553	9.828854	9.868324	60
41	6744312	7383376	9.828937	9.868255	59
42	6745601	7382199	9.829020	9.868186	58
43	6746889	7381022	9.829103	9.868116	57
44	6748177	7379844	9.829186	9.868047	56
45	6749465	7378666	9.829269	9.867978	55
46	6750753	7377488	9.829352	9.867908	54
47	6752041	7376310	9.829435	9.867839	53
48	6753328	7375131	9.829518	9.867770	52
49	6754615	7373952	9.829600	9.867700	51
50	6755902	7372773	9.829683	9.867631	50
51	6757189	7371594	9.829766	9.867561	49
52	6758475	7370414	9.829849	9.867492	48
53	6759761	7369235	9.829931	9.867422	47
54	6761047	7368055	9.830014	9.867353	46
55	6762333	7366875	9.830096	9.867283	45
56	6763619	7365694	9.830179	9.867214	44
57	6764904	7364514	9.830261	9.867144	43
58	6766190	7363333	9.830344	9.857074	42
59	6767475	7362152	9.830426	9.867005	41
60	6768759	7360971	9.830509	9.866935	40
61	6770044	7359789	9.830591	9.866865	39
62	6771329	7358607	9.830674	9.866795	38
63	6772613	7357426	9.830756	9.866726	37
64	6773897	7356243	9.830838	9.866656	36
65	6775181	7355061	9.830921	9.866586	35
66	6776464	7353878	9.831003	9.866516	34
		Sinus		*Log. Sin.*	M

42 GRAD.

M	Tangen		Log.Tan		
33	9108875	10978303	9.959464	10.040535	67
34	9112069	10974455	9.959617	10.040383	66
35	9115264	10970608	9.959769	10.040231	65
36	9118460	10966763	9.959921	10.040078	64
37	9121657	10962919	9.960074	10.039926	63
38	9124855	10959077	9.960226	10.039774	62
39	9128055	10955236	9.960378	10.039622	61
40	9131255	10951397	9.960530	10.039469	60
41	9134456	10947559	9.960682	10.039317	59
42	9137658	10943723	9.960835	10.039165	58
43	9140861	10939888	9.960987	10.039013	57
44	9144065	10936055	9.961139	10.038860	56
45	9147270	10932223	9.961291	10.038708	55
46	9150476	10928392	9.961444	10.038556	54
47	9153684	10924563	9.961596	10.038404	53
48	9156892	10920736	9.961748	10.038252	52
49	9160101	10916909	9.961900	10.038100	51
50	9163312	10913085	9.962052	10.037947	50
51	9166523	10909262	9.962204	10.037795	49
52	9169735	10905440	9.962357	10.037643	48
53	9172949	10901620	9.962509	10.037491	47
54	9176163	10897801	9.962661	10.037339	46
55	9179378	10893983	9.962813	10.037187	45
56	9182595	10890167	9.962965	10.037035	44
57	9185812	10886353	9.963117	10.036882	43
58	9189031	10882540	9.963270	10.036730	42
59	9192251	10878728	9.963422	10.036578	41
60	9195471	10874918	9.963574	10.036426	40
61	9198693	10871109	9.963726	10.036274	39
62	9201915	10867302	9.963878	10.036122	38
63	9205139	10863496	9.964030	10.035969	37
64	9208364	10859692	9.964182	10.035817	36
65	9211590	10855889	9.964334	10.035665	35
66	9214817	10852088	9.964487	10.035513	34
		Tangens		Log.Tan.	M

GRAD. 47

42 GRAD.

M	Sinus		*Log.Sin.*		
67	6777748	7352696	9.831085	9.866446	33
68	6779031	7351513	9.831167	9.866377	32
69	6780314	7350329	9.831250	9.866307	31
70	6781596	7349146	9.831332	9.866237	30
71	6782879	7347962	9.831414	9.866167	29
72	6784161	7346778	9.831496	9.866097	28
73	6785444	7345594	9.831578	9.866027	27
74	6786726	7344410	9.831660	9.865957	26
75	6788007	7343225	9.831742	9.865887	25
76	6789289	7342040	9.831824	9.865817	24
77	6790570	7340855	9.831906	9.865746	23
78	6791851	7339670	9.831988	9.865676	22
79	6793132	7338484	9.832070	9.865606	21
80	6794413	7337298	9.832152	9.865536	20
81	6795693	7336112	9.832234	9.865466	19
82	6796974	7334926	9.832315	9.865396	18
83	6798254	7333740	9.832397	9.865325	17
84	6799534	7332553	9.832479	9.865255	16
85	6800813	7331366	9.832561	9.865185	15
86	6802093	7330179	9.832642	9.865114	14
87	6803372	7328992	9.832724	9.865044	13
88	6804651	7327805	9.832806	9.864974	12
89	6805930	7326617	9.832887	9.864903	11
90	6807208	7325429	9.832969	9.864833	10
91	6808487	7324241	9.833050	9.864762	9
92	6809765	7323052	9.833132	9.864692	8
93	6811043	7321864	9.833213	9.864621	7
94	6812321	7320675	9.833295	9.864551	6
95	6813599	7319486	9.833376	9.864480	5
96	6814876	7318296	9.833458	9.864410	4
97	6816153	7317107	9.833539	9.864339	3
98	6817430	7315917	9.833621	9.864269	2
99	6818707	7314727	9.833702	9.864198	1
	6819983	7313537	9.833783	9.864127	0
		Sinus		*Log.Sin.*	M

GRAD. 47

42 GRAD.

M	Tangen		Log.Tan		
67	9218044	10848288	9.964639	10.035361	33
68	9221273	10844489	9.964791	10.035210	32
69	9224503	10840692	9.964943	10.035057	31
70	9227734	10836896	9.965095	10.034905	30
71	9230966	10833102	9.965247	10.034753	29
72	9234199	10829309	9.965399	10.034601	28
73	9237433	10825517	9.965551	10.034448	27
74	9240668	10821727	9.965703	10.034296	26
75	9243905	10817939	9.965855	10.034144	25
76	9247142	10814152	9.966007	10.033992	24
77	9250380	10810366	9.966159	10.033840	23
78	9253620	10806582	9.966311	10.033688	22
79	9256860	10802799	9.966464	10.033536	21
80	9260101	10799017	9.966613	10.033384	20
81	9263344	10795237	9.966768	10.033232	19
82	9266587	10791459	9.966920	10.033080	18
83	9269832	10787682	9.967072	10.032928	17
84	9273077	10783906	9.967224	10.032776	16
85	9276324	10780132	9.967376	10.032624	15
86	9279572	10776359	9.967528	10.032472	14
87	9282821	10772587	9.967680	10.032320	13
88	9286070	10768817	9.967832	10.032168	12
89	9289321	10765049	9.967984	10.032016	11
90	9292573	10761281	9.968136	10.031864	10
91	9295826	10757516	9.968288	10 031712	9
92	9299080	10753751	9.968440	10.031560	8
93	9302335	10749988	9.968592	10.031408	7
94	9305592	10746227	9.968744	10.031256	6
95	9308849	10742467	9.968896	10.031104	5
96	9312107	10738708	9.969048	10.030952	4
97	9315366	10734950	9.969200	10.030800	3
98	9318627	10731195	9.969352	10.030648	2
99	9321888	10727440	9.969504	10.030496	1
	9325151	10723687	9.969656	10.030344	0
		Tangens		Log.Tang	M

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M	Sinus		Log.Sin.		
0	6819983	7313537	9.833783	9.864127	—
1	6821260	7312346	9.833864	9.864057	99
2	6822536	7311156	9.833946	9.863986	98
3	6823812	7309965	9.834027	9.863915	97
4	6825088	7308774	9.834108	9.863844	96
5	6826363	7307582	9.834189	9.863774	95
6	6827638	7306391	9.834270	9.863703	94
7	6828913	7305199	9.834351	9.863632	93
8	6830188	7304007	9.834432	9.863561	92
9	6831463	7302815	9.834514	9.863490	91
10	6832738	7301623	9.834595	9.863419	90
11	6834012	7300430	9.834676	9.863348	89
12	6835286	7299237	9.834756	9.863277	88
13	6836560	7298044	9.834837	9.863206	87
14	6837833	7296851	9.834918	9.863135	86
15	6839107	7295657	9.834999	9.863064	85
16	6840380	7294463	9.835080	9.862993	84
17	6841653	7293269	9.835161	9.862922	83
18	6842926	7292075	9.835242	9.862851	82
19	6844198	7290881	9.835322	9.862780	81
20	6845471	7289686	9.835403	9.862709	80
21	6846743	7288491	9.835484	9.862637	79
22	6848015	7287296	9.835564	9.862566	78
23	6849287	7286101	9.835645	9.862495	77
24	6850558	7284905	9.835726	9.862424	76
25	6851830	7283709	9.835806	9.862352	75
26	6853101	7282514	9.835887	9.862281	74
27	6854372	7281317	9.835967	9.862210	73
28	6855643	7280122	9.836048	9.862138	72
29	6856913	7278924	9.836128	9.862067	71
30	6858183	7277727	9.836209	9.861996	70
31	6859453	7276530	9.836289	9.861924	69
32	6860723	7275333	9.836370	9.861853	68
33	6861993	7274135	9.836450	9.861781	67
		Sinus		Log.Sin.	M

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M	Tangen		Log.Tan		
0	9325151	10723687	9.969656	10.030344	
1	9328414	10719935	9.969808	10.030192	99
2	9331679	10716185	9.969960	10.030040	98
3	9334945	10712436	9.970112	10.029888	97
4	9338211	10708686	9.970264	10.029736	96
5	9341479	10704942	9.970415	10.029584	95
6	9344748	10701198	9.970567	10.029432	94
7	9348018	10697454	9.970719	10.029280	93
8	9351289	10693712	9.970871	10.029128	92
9	9354561	10689972	9.971023	10.029976	91
10	9357834	10686233	9.971175	10.028824	90
11	9361109	10682495	9.971327	10.028673	89
12	9364384	10678759	9.971479	10.028521	88
13	9367660	10675024	9.971631	10.028369	87
14	9370938	10671290	9.971783	10.028217	86
15	9374216	10667558	9.971935	10.028065	85
16	9377496	10663827	9.972087	10.027913	84
17	9380776	10660098	9.972239	10.027761	83
18	9384058	10656370	9.972390	10.027609	82
19	9387341	10652643	9.972542	10.027457	81
20	9390625	10648918	9.972694	10.027305	80
21	9393910	10645194	9.972846	10.027153	79
22	9397196	10641472	9.972998	10.027002	78
23	9400483	10637751	9.973150	10.026850	77
24	9403771	10634031	9.973302	10.026698	76
25	9407060	10630313	9.973454	10.026545	75
26	9410351	10626596	9.973606	10.026394	74
27	9413642	10622880	9.973757	10.026242	73
28	9416935	10619166	9.973909	10.026090	72
29	9420228	10615453	9.974061	10.025938	71
30	9423523	10611742	9.974213	10.025786	70
31	9426819	10608032	9.974365	10.025635	69
32	9430116	10604323	9.974517	10.025483	68
33	9433414	10600616	9.974669	10.025331	67
		Tangens		Log. Tan.	M

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M	Sinus		Log. Sin.		
33	6861993	7274135	9.836450	9.861781	67
34	6863262	7272938	9.836530	9.861710	66
35	6864532	7271740	9.836611	9.861638	65
36	6865801	7270542	9.836691	9.861567	64
37	6867070	7269343	9.836771	9.861495	63
38	6868338	7268144	9.836851	9.861423	62
39	6869607	7266946	9.836932	9.861352	61
40	6870875	7265747	9.837012	9.861280	60
41	6872143	7264547	9.837092	9.861208	59
42	6873411	7263348	9.837172	9.861137	58
43	6874678	7262148	9.837252	9.861065	57
44	6875946	7260948	9.837332	9.860993	56
45	6877213	7259748	9.837412	9.860921	55
46	6878480	7258547	9.837492	9.860850	54
47	6879747	7257346	9.837572	9.860778	53
48	6881013	7256146	9.837652	9.860706	52
49	6882279	7254945	9.837732	9.860634	51
50	6883546	7253744	9.837812	9.860562	50
51	6884811	7252542	9.837892	9.860490	49
52	6886077	7251340	9.837972	9.860418	48
53	6887343	7250138	9.838052	9.860346	47
54	6888608	7248936	9.838131	9.860274	46
55	6889873	7247734	9.838211	9.860202	45
56	6891138	7246531	9.838291	9.850130	44
57	6892403	7245328	9.838370	9.860058	43
58	6893667	7244125	9.838450	9.859986	42
59	6894931	7242922	9.838530	9.859914	41
60	6896195	7241718	9.838609	9.859841	40
61	6897459	7240515	9.838689	9.859769	39
62	6898723	7239311	9.838768	9.859697	38
63	6899986	7238107	9.838848	9.859625	37
64	6901249	7236902	9.838928	9.859553	36
65	6902512	7235698	9.839007	9.859480	35
66	6903775	7234493	9.839086	9.859408	34
		Sinus		Log. Sin.	M

M	Tangen		Log.Tan		
33	9433414	10600616	9.974669	10.025331	67
34	9436713	10596910	9.974821	10.025179	66
35	9440013	10593205	9.974972	10.025027	65
36	9443314	10589502	9.975124	10.024875	64
37	9446616	10585801	9.975276	10.024724	63
38	9449920	10582100	9.975428	10.024572	62
39	9453224	10578401	9.975580	10.024420	61
40	9456530	10574703	9.975732	10.024268	60
41	9459836	10571007	9.975883	10.024116	59
42	9463144	10567312	9.976035	10.023964	58
43	9466453	10563618	9.976187	10.023813	57
44	9469763	10559926	9.976339	10.023661	56
45	9473074	10556235	9.976491	10.023509	55
46	9476386	10552546	9.976643	10.023357	54
47	9479699	10548857	9.976794	10.023205	53
48	9483014	10545171	9.976946	10.023053	52
49	9486329	10541485	9.977098	10.022902	51
50	9489645	10537801	9.977250	10.022750	50
51	9492963	10534118	9.977402	10.022598	49
52	9496282	10530437	9.977553	10.022446	48
53	9499602	10526757	9.977705	10.022294	47
54	9502922	10523078	9.977857	10.022143	46
55	9506245	10519401	9.978009	10.021991	45
56	9509568	10515725	9.978161	10.021839	44
57	9512892	10512050	9.978312	10.021687	43
58	9516217	10508377	9.978464	10.021535	42
59	9519544	10504705	9.978616	10.021384	41
60	9522871	10501034	9.978768	10.021232	40
61	9526200	10497365	9.978919	10.021080	39
62	9529529	10493697	9.979071	10.020928	38
63	9532860	10490031	9.979223	10.020777	37
64	9536192	10486365	9.979375	10.020625	36
65	9539525	10482701	9.979527	10.020473	35
66	9542860	10479039	9.979678	10.020321	34
		Tangen		Log. Tan.	M

M	Sinus		Log. Sin.		
67	6905038	7233288	9.839166	9.859336	33
68	6906300	7232082	9.839245	9.859263	32
69	6907562	7230877	9.839325	9.859191	31
70	6908824	7229671	9.839404	9.859118	30
71	6910086	7228465	9.839483	9.859046	29
72	6911347	7227259	9.839563	9.858973	28
73	6912608	7226053	9.839642	9.858901	27
74	6913869	7224846	9.839721	9.858828	26
75	6915130	7223639	9.839800	9.858756	25
76	6916391	7222432	9.839879	9.858683	24
77	6917651	7221225	9.839958	9.858611	23
78	6918912	7220018	9.840038	9.858538	22
79	6920172	7218810	9.840117	9.858465	21
80	6921432	7217602	9.840196	9.858393	20
81	6922691	7216394	9.840275	9.858320	19
82	6923951	7215186	9.840354	9.858247	18
83	6925210	7213977	9.840433	9.858175	17
84	6926469	7212768	9.840512	9.858102	16
85	6927727	7211559	9.840591	9.858029	15
86	6928985	7210350	9.840669	9.857956	14
87	6930244	7209141	9.840748	9.857883	13
88	6931502	7207931	9.840827	9.857810	12
89	6932760	7206721	9.840906	9.857738	11
90	6934018	7205511	9.840985	9.857665	10
91	6935276	7204301	9.841064	9.857592	9
92	6936533	7203090	9.841142	9.857519	8
93	6937790	7201879	9.841221	9.857446	7
94	6939047	7200668	9.841300	9.857373	6
95	6940303	7199457	9.841378	9.857300	5
96	6941560	7198246	9.841457	9.857226	4
97	6942816	7197034	9.841535	9.857153	3
98	6944072	7195822	9.841614	9.857080	2
99	6945328	7194610	9.841693	9.857007	1
	6946584	7193398	9.841771	9.856934	0
		Sinus		Log. Sin.	M

M	Tangen		*Log.Tan*		
67	9546195	10475378	9.979830	10.020169	33
68	9549531	10471718	9.979982	10.020018	32
69	9552869	10468059	9.980134	10.019866	31
70	9556207	10464402	9.980285	10.019714	30
71	9559547	10460746	9.980437	10.019562	29
72	9562888	10457092	9.980589	10.019411	28
73	9566230	10453438	9.980741	10.019259	27
74	9569573	10449787	9.980892	10.019107	26
75	9572917	10446136	9.981044	10.018955	25
76	9576263	10442487	9.981196	10.018804	24
77	9579609	10438839	9.981348	10.018652	23
78	9582957	10435192	9.981499	10.018500	22
79	9586305	10431547	9.981651	10.018349	21
80	9589655	10427903	9.981803	10.018197	20
81	9593006	10424261	9.981955	10.018045	19
82	9596358	10420620	9.982106	10.017893	18
83	9599711	10416980	9.982258	10.017742	17
84	9603065	10413341	9.982410	10.017590	16
85	9606421	10409704	9.982561	10.017438	15
86	9609777	10406068	9.982713	10.017286	14
87	9613135	10402433	9.982865	10.017135	13
88	9616494	10398800	9.983017	10.016983	12
89	9619854	10395168	9.983168	10.016831	11
90	9623215	10391537	9.983320	10.016680	10
91	9626577	10387908	9.983472	10.016528	9
92	9629940	10384280	9.983623	10.016376	8
93	9633305	10380653	9.983775	10.016224	7
94	9636670	10377028	9.983927	10.016073	6
95	9640037	10373404	9.984079	10.015921	5
96	9643405	10369781	9.984230	10.015769	4
97	9646774	10366159	9.984382	10.015618	3
98	9650144	10362539	9.984534	10.015465	2
99	9653515	10358920	9.984685	10.015314	1
	9656888	10355303	9.984837	10.015163	0
		Tangens		*Log.Tang*	M

M	Sinus		*Log.Sin.*		
0	6946584	7193398	9.841771	9.856934	
1	6947839	7192185	9.841850	9.856861	99
2	6949094	7190973	9.841928	9.856787	98
3	6950349	7189760	9.842006	9.856714	97
4	6951604	7188546	9.842085	9.856641	96
5	6952858	7187333	9.842163	9.856568	95
6	6954113	7186119	9.842242	9.856494	94
7	6955367	7184906	9.842320	9.856421	93
8	6956621	7183692	9.842398	9.856347	92
9	6957874	7182477	9.842476	9.856274	91
10	6959128	7181263	9.842555	9.856201	90
11	6960381	7180048	9.842633	9.856127	89
12	6961634	7178833	9.842711	9.856054	88
13	6962887	7177618	9.842789	9.855980	87
14	6964140	7176403	9.842857	9.855907	86
15	6965392	7175187	9.842945	9.855833	85
16	6966644	7173971	9.843023	9.855759	84
17	6967896	7172755	9.843101	9.855686	83
18	6969148	7171539	9.843179	9.855612	82
19	6970399	7170323	9.843257	9.855539	81
20	6971651	7169106	9.843335	9.855465	80
21	6972902	7167889	9.843413	9.855391	79
22	6974153	7166672	9.843491	9.855317	78
23	6975404	7165455	9.843569	9.855244	77
24	6976654	7164237	9.843647	9.855170	76
25	6977904	7163019	9.843725	9.855096	75
26	6979154	7161801	9.843803	9.855022	74
27	6980404	7160583	9.843880	9.854948	73
28	6981654	7159365	9.843958	9.854874	72
29	6982903	7158146	9.844036	9.854800	71
30	6984153	7156927	9.844114	9.854726	70
31	6985402	7155708	9.844191	9.854652	69
32	6986650	7154489	9.844269	9.854578	68
33	6987899	7153269	9.844346	9.854504	67
		Sinus		*Log.Sin*	M

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M	Tangen		Log.Tan		
0	9656888	10355303	9.984837	10.015163	
1	9660261	10351687	9.984989	10.015011	99
2	9663636	10348072	9.985140	10.014859	98
3	9667012	10344458	9.985292	10.014708	97
4	9670388	10340846	9.985444	10.014556	96
5	9673766	10337235	9.985595	10.014404	95
6	9677146	10333625	9.985747	10.014253	94
7	9680526	10330017	9.985899	10.014101	93
8	9683908	10326410	9.986050	10.013949	92
9	9687290	10322804	9.986202	10.013797	91
10	9690674	10319199	9.986354	10.013646	90
11	9694059	10315596	9.986505	10.013494	89
12	9697445	10311994	9.986657	10.013342	88
13	9700832	10308394	9.986809	10.013191	87
14	9704221	10304794	9.986960	10.013039	86
15	9707610	10301196	9.987112	10.012887	85
16	9711001	10297599	9.987264	10.012736	84
17	9714393	10294004	9.987415	10.012584	83
18	9717786	10290410	9.987567	10.012432	82
19	9721180	10286817	9.987719	10.012281	81
20	9724575	10283225	9.987870	10.012129	80
21	9727971	10279635	9.988022	10.011978	79
22	9731369	10276046	9.988174	10.011826	78
23	9734768	10272458	9.988325	10.011674	77
24	9738167	10268872	9.988477	10.011523	76
25	9741569	10265287	9.988629	10.011371	75
26	9744971	10261703	9.988780	10.011219	74
27	9748374	10258121	9.988932	10.011068	73
28	9751778	10254539	9.989084	10.010916	72
29	9755184	10250959	9.989235	10.010764	71
30	9758591	10247381	9.989387	10.010613	70
31	9761999	10243803	9.989539	10.010461	69
32	9765408	10240227	9.989690	10.010309	68
33	9768819	10236652	9 989842	10.010158	67
		Tangens		*Log. Tan.*	M

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44 GRAD.

M	Sinus		Log. Sin.		
33	6987899	7153269	9.844346	9.854504	67
34	6989147	7152050	9.844424	9.854430	66
35	6990396	7150830	9.844502	9.854356	65
36	6991644	7149609	9.844579	9.854282	64
37	6992891	7148389	9.844657	9.854208	63
38	6994139	7147168	9.844734	9.854134	62
39	6995386	7145948	9.844812	9.854060	61
40	6996633	7144727	9.844889	9.853985	60
41	6997880	7143505	9.844966	9.853911	59
42	6999127	7142284	9.845044	9.853837	58
43	7000373	7141062	9.845121	9.853763	57
44	7001619	7139840	9.845198	9.853688	56
45	7002865	7138618	9.845276	9.853614	55
46	7004111	7137396	9.845353	9.853540	54
47	7005357	7136173	9.845430	9.853465	53
48	7006602	7134950	9.845507	9.853391	52
49	7007847	7133728	9.845584	9.853316	51
50	7009092	7132504	9.845662	9.853242	50
51	7010337	7131281	9.845739	9.853167	49
52	7011582	7130057	9.845816	9.853093	48
53	7012826	7128833	9.845893	9.853018	47
54	7014070	7127609	9.845970	9.852944	46
55	7015314	7126385	9.846047	9.852869	45
56	7016558	7125160	9.846124	9.852794	44
57	7017801	7123936	9.846201	9.852720	43
58	7019044	7122711	9.846278	9.852645	42
59	7020288	7121486	9.846355	9.852570	41
60	7021530	7120260	9.846432	9.852496	40
61	7022773	7119035	9.846508	9.852421	39
62	7024015	7117809	9.846585	9.852346	38
63	7025258	7116583	9.846662	9.852271	37
64	7026499	7115357	9.846739	9.852196	36
65	7027741	7114130	9.846816	9.852122	35
66	7028983	7112903	9.846892	9.852047	34
		Sinus		Log. Sin.	M

GRAD. 45

M	Tangen		Log. Tan		
33	9768819	10236652	9.989842	10.010158	67
34	9772230	10233078	9.989993	10.010006	66
35	9775643	10229506	9.990145	10.009854	65
36	9779056	10225935	9.990297	10.009703	64
37	9782471	10222365	9.990448	10.009551	63
38	9785888	10218797	9.990600	10.009400	62
39	9789305	10215230	9.990752	10.009248	61
40	9792723	10211664	9.990903	10.009096	60
41	9796143	10208099	9.991055	10.008945	59
42	9799564	10204535	9.991207	10.008793	58
43	9802986	10200973	9.991358	10.008641	57
44	9806409	10197412	9.991510	10.008490	56
45	9809833	10193853	9.991661	10.008338	55
46	9813259	10190294	9.991813	10.008187	54
47	9816685	10186737	9.991965	10.008035	53
48	9820113	10183182	9.992116	10.007883	52
49	9823542	10179627	9.992268	10.007732	51
50	9826972	10176074	9.992420	10.007580	50
51	9830404	10172522	9.992571	10.007428	49
52	9833836	10168971	9.992723	10.007277	48
53	9837270	10165421	9.992874	10.007125	47
54	9840705	10161873	9.993026	10.006974	46
55	9844141	10158326	9.993178	10.006822	45
56	9847578	10154780	9.993329	10.006670	44
57	9851017	10151236	9.993481	10.006519	43
58	9854456	10147693	9.993632	10.006367	42
59	9857897	10144151	9.993784	10.006216	41
60	9861339	10140610	9.993936	10.006065	40
61	9864782	10137071	9.994087	10.005912	39
62	9868227	10133532	9.994239	10.005761	38
63	9871672	10129995	9.994391	10.005609	37
64	9875119	10126460	9.994542	10.005457	36
65	9878567	10122925	9.994694	10.005306	35
66	9882016	10119392	9.994845	10.005154	34
		Tangen		Log. Tan.	M

M	Sinus		Log.Sin.		
67	7030224	7111677	9.846969	9.851972	33
68	7031465	7110449	9.847046	9.851897	32
69	7032706	7109222	9.847122	9.851822	31
70	7033947	7107995	9.847199	9.851747	30
71	7035187	7106767	9.847275	9.851672	29
72	7036428	7105539	9.847352	9.851597	28
73	7037668	7104311	9.847429	9.851522	27
74	7038907	7103082	9.847505	9.851447	26
75	7040147	7101854	9.847582	9.851372	25
76	7041386	7100625	9.847658	9.851296	24
77	7042626	7099396	9.847734	9.851221	23
78	7043865	7098166	9.847811	9.851146	22
79	7045103	7096937	9.847887	9.851071	21
80	7046342	7095707	9.847964	9.850995	20
81	7047580	7094477	9.848040	9.850920	19
82	7048818	7093247	9.848116	9.850845	18
83	7050056	7092017	9.848192	9.850770	17
84	7051294	7090786	9.848269	9.850694	16
85	7052531	7089555	9.848345	9.850619	15
86	7053769	7088324	9.848421	9.850543	14
87	7055006	7087093	9.848497	9.850468	13
88	7056243	7085862	9.848573	9.850392	12
89	7057479	7084630	9.848649	9.850317	11
90	7058716	7083398	9.848725	9.850241	10
91	7059952	7082166	9.848802	9.850166	9
92	7061188	7080934	9.848878	9.850090	8
93	7062423	7079701	9.848954	9.850015	7
94	7063659	7078469	9.849030	9.849939	6
95	7064894	7077236	9.849105	9.849863	5
96	7066129	7076002	9.849181	9.849788	4
97	7067364	7074769	9.849257	9.849712	3
98	7068599	7073535	9.849333	9.849636	2
99	7069833	7072302	9.849409	9.849561	1
	7071068	7071068	9.849485	9.849485	0
		Sinus		Log.Sin.	M

M	Tangen		*Log.Tan*		
67	9885466	10115860	9.994997	10.005003	33
68	9888918	10112329	9.995149	10.004851	32
69	9892371	10108800	9.995300	10.004699	31
70	9895825	10105272	9.995452	10.004548	30
71	9899280	10101745	9.995603	10.004396	29
72	9902736	10098219	9.995755	10.004245	28
73	9906193	10094695	9.995907	10.004093	27
74	9909652	10091171	9.996058	10.003941	26
75	9913112	10087649	9.996210	10.003790	25
76	9916573	10084128	9.996361	10.003638	24
77	9920035	10080609	9.996513	10.003487	23
78	9923499	10077091	9.996665	10.003335	22
79	9926963	10073574	9.996816	10.003183	21
80	9930429	10070058	9.996968	10.003032	20
81	9933896	10066543	9.997119	10.002880	19
82	9937365	10063030	9.997271	10.002729	18
83	9940834	10059518	9.997423	10.002577	17
84	9944305	10056007	9.997574	10.002425	16
85	9947777	10052497	9.997726	10.002274	15
86	9951250	10048989	9.997877	10.002122	14
87	9954724	10045482	9.998029	10.001971	13
88	9958199	10041976	9.998181	10.001819	12
89	9961676	10038471	9.998332	10.001667	11
90	9965154	10034967	9.998484	10.001516	10
91	9968633	10031465	9.998635	10.001364	9
92	9972113	10027964	9.998787	10.001213	8
93	9975595	10024464	9.998939	10.001061	7
94	9979078	10020966	9.999090	10.000909	6
95	9982562	10017468	9.999242	10.000758	5
96	9986047	10013972	9.999393	10.000606	4
97	9989533	10010477	9.999545	10.000455	3
98	9993021	10006984	9.999697	10.000303	2
99	9996510	10003491	9.999848	10.000151	1
	10000000	10000000	10.000000	10.000000	0
		Tangens		*Log.Tang*	M

TAB

ECA D

NATUR

radus in Q

Graduum

TABULA SECANTIUM NATURALIUM,

Ad Gradus in Quadrante Singulos & Graduum Centeſimas.

GRA

M	Sc
33	10
34	10
35	10
36	10
37	10
38	10
39	10
40	10
41	10
42	10
43	10
44	10
45	10
46	10
47	10
48	10
49	10
50	10
51	10
52	10
53	10
54	10
55	10
56	10
57	10
58	10
59	10
60	10
61	100
62	100
63	100
64	100
65	100
66	100

N

GRADUS

	0		0		0
M	Secantes	M	Secantes	M	Secantes
0	10000000	33	10000166	67	10000684
1	10000000	34	10000176	68	10000704
2	10000000	35	10000186	69	10000725
3	10000001	36	10000197	70	10000746
4	10000002	37	10000208	71	10000768
5	10000004	38	10000220	72	10000789
6	10000005	39	10000231	73	10000812
7	10000007	40	10000243	74	10000834
8	10000010	41	10000256	75	10000857
9	10000012	42	10000268	76	10000880
10	10000015	43	10000281	77	10000903
11	10000018	44	10000295	78	10000927
12	10000022	45	10000308	79	10000950
13	10000026	46	10000322	80	10000975
14	10000030	47	10000336	81	10000999
15	10000034	48	10000351	82	10001024
16	10000039	49	10000366	83	10001049
17	10000044	50	10000381	84	10001075
18	10000049	51	10000396	85	10001100
19	10000055	52	10000412	86	10001126
20	10000061	53	10000428	87	10001153
21	10000067	54	10000444	88	10001179
22	10000074	55	10000461	89	10001206
23	10000080	56	10000477	90	10001234
24	10000088	57	10000495	91	10001261
25	10000095	58	10000512	92	10001289
26	10000103	59	10000530	93	10001317
27	10000111	60	10000548	94	10001346
28	10000119	61	10000567	95	10001374
29	10000128	62	10000585	96	10001404
30	10000137	63	10000604	97	10001433
31	10000146	64	10000624	98	10001463
32	10000156	65	10000643	99	10001493
33	10000166	66	10000663		10001523

	I		I		I
M	Secantes	M	Secantes	M	Secantes
0	10001523	33	10002695	67	10004249
1	10001554	34	10002735	68	10004300
2	10001585	35	10002776	69	10004351
3	10001616	36	10002818	70	10004403
4	10001647	37	10002859	71	10004455
5	10001679	38	10002901	72	10004507
6	10001711	39	10002943	73	10004560
7	10001744	40	10002986	74	10004613
8	10001776	41	10003029	75	10004666
9	10001810	42	10003072	76	10004720
10	10001843	43	10003115	77	10004773
11	10001877	44	10003159	78	10004827
12	10001911	45	10003203	79	10004882
13	10001945	46	10003247	80	10004937
14	10001980	47	10003292	81	10004992
15	10002014	48	10003337	82	10005047
16	10002050	49	10003382	83	10005103
17	10002085	50	10003428	84	10005159
18	10002121	51	10003474	85	10005215
19	10002157	52	10003520	86	10005271
20	10002193	53	10003566	87	10005328
21	10002230	54	10003613	88	10005385
22	10002267	55	10003660	89	10005443
23	10002305	56	10003708	90	10005501
24	10002342	57	10003755	91	10005559
25	10002380	58	10003803	92	10005617
26	10002418	59	10003852	93	10005676
27	10002457	60	10003900	94	10005735
28	10002496	61	10003949	95	10005794
29	10002535	62	10003998	96	10005854
30	10002574	63	10004048	97	10005914
31	10002614	64	10004098	98	10005974
32	10002654	65	10004148	99	10006034
33	10002695	66	10004198		10006095

GRADUS

	2		2		2
M	Secantes	M	Secantes	M	Secantes
0	10006095	33	10008274	67	10010868
1	10006156	34	10008345	68	10010949
2	10006218	35	10008417	69	10011031
3	10006280	36	10008489	70	10011113
4	10006342	37	10008561	71	10011195
5	10006404	38	10008633	72	10011279
6	10006467	39	10008706	73	10011362
7	10006530	40	10008779	74	10011445
8	10006593	41	10008853	75	10011529
9	10006656	42	10008926	76	10011613
10	10006720	43	10009000	77	10011698
11	10006785	44	10009075	78	10011782
12	10006849	45	10009149	79	10011867
13	10006914	46	10009224	80	10011953
14	10006979	47	10009299	81	10012038
15	10007044	48	10009375	82	10012124
16	10007110	49	10009451	83	10012210
17	10007176	50	10009527	84	10012297
18	10007242	51	10009603	85	10012384
19	10007309	52	10009680	86	10012471
20	10007376	53	10009757	87	10012558
21	10007443	54	10009834	88	10012646
22	10007511	55	10009912	89	10012734
23	10007579	56	10009990	90	10012823
24	10007647	57	10010068	91	10012911
25	10007715	58	10010147	92	10013000
26	10007784	59	10010226	93	10013090
27	10007853	60	10010305	94	10013179
28	10007923	61	10010384	95	10013269
29	10007992	62	10010464	96	10013359
30	10008062	63	10010544	97	10013450
31	10008133	64	10010625	98	10013541
32	10008203	65	10010705	99	10013632
33	10008274	66	10010786		10013723

GRADUS

	3		3		3
M	Secantes	M	Secantes	M	Secantes
0	10013723	33	10016913	67	10020549
1	10013815	34	10017015	68	10020662
2	10013907	35	10017117	69	10020774
3	10013999	36	10017220	70	10020887
4	10014092	37	10017322	71	10021000
5	10014185	38	10017425	72	10021114
6	10014278	39	10017529	73	10021228
7	10014372	40	10017633	74	10021342
8	10014466	41	10017737	75	10021457
9	10014560	42	10017841	76	10021571
10	10014655	43	10017946	77	10021686
11	10014749	44	10018051	78	10021802
12	10014844	45	10018156	79	10021918
13	10014940	46	10018261	80	10022034
14	10015036	47	10018367	81	10022150
15	10015132	48	10018473	82	10022267
16	10015228	49	10018580	83	10022383
17	10015325	50	10018687	84	10022501
18	10015422	51	10018794	85	10022618
19	10015519	52	10018901	86	10022736
20	10015617	53	10019009	87	10022854
21	10015714	54	10019117	88	10022973
22	10015813	55	10019225	89	10023092
23	10015911	56	10019334	90	10023211
24	10016010	57	10019443	91	10023330
25	10016109	58	10019552	92	10023450
26	10016208	59	10019662	93	10023570
27	10016308	60	10019772	94	10023690
28	10016408	61	10019882	95	10023811
29	10016509	62	10019992	96	10023932
30	10016609	63	10020103	97	10024053
31	10016710	64	10020214	98	10024175
32	10016811	65	10020325	99	10024297
33	10016913	66	10020437		10024419

	4		4		4
M	Secantes	M	Secantes	M	Secantes
0	10024419	33	10028624	67	10033309
1	10024541	34	10028757	68	10033452
2	10024664	35	10028890	69	10033596
3	10024787	36	10029023	70	10033739
4	10024911	37	10029156	71	10033883
5	10025034	38	10029291	72	10034028
6	10025158	39	10029425	73	10034173
7	10025283	40	10029559	74	10034318
8	10025407	41	10029694	75	10034463
9	10025532	42	10029829	76	10034609
10	10025658	43	10029965	77	10034755
11	10025783	44	10030101	78	10034901
12	10025909	45	10030237	79	10035048
13	10026035	46	10030373	80	10035195
14	10026162	47	10030510	81	10035342
15	10026289	48	10030647	82	10035489
16	10026416	49	10030784	83	10035637
17	10026543	50	10030922	84	10035785
18	10026671	51	10031060	85	10035934
19	10026799	52	10031198	86	10036083
20	10026927	53	10031336	87	10036232
21	10027056	54	10031475	88	10036381
22	10027185	55	10031615	89	10036531
23	10027314	56	10031754	90	10036681
24	10027444	57	10031894	91	10036831
25	10027574	58	10032034	92	10036982
26	10027704	59	10032174	93	10037133
27	10027835	60	10032315	94	10037284
28	10027965	61	10032456	95	10037436
29	10028096	62	10032597	96	10037588
30	10028228	63	10032739	97	10037740
31	10028360	64	10032881	98	10037892
32	10028492	65	10033023	99	10038045
33	10028624	66	10033166		10038198

GRADUS

	5		5		5
M	Secantes	M	Secantes	M	Secantes
0	10038198	33	10043426	67	10049166
1	10038352	34	10043589	68	10049340
2	10038505	35	10043753	69	10049515
3	10038659	36	10043918	70	10049690
4	10038814	37	10044082	71	10049865
5	10038968	38	10044247	72	10050041
6	10039123	39	10044412	73	10050216
7	10039279	40	10044578	74	10050393
8	10039434	41	10044744	75	10050569
9	10039590	42	10044910	76	10050746
10	10039747	43	10045077	77	10050923
11	10039903	44	10045243	78	10051100
12	10040060	45	10045410	79	10051278
13	10040217	46	10045578	80	10051456
14	10040375	47	10045746	81	10051634
15	10040532	48	10045914	82	10051813
16	10040690	49	10046082	83	10051992
17	10040849	50	10046251	84	10052171
18	10041008	51	10046420	85	10052351
19	10041167	52	10046589	86	10052531
20	10041326	53	10046759	87	10052711
21	10041486	54	10046929	88	10052892
22	10041646	55	10047099	89	10053073
23	10041806	56	10047269	90	10053254
24	10041966	57	10047440	91	10053435
25	10042127	58	10047611	92	10053617
26	10042288	59	10047783	93	10053799
27	10042450	60	10047955	94	10053982
28	10042612	61	10048127	95	10054164
29	10042774	62	10048299	96	10054347
30	10042936	63	10048472	97	10054531
31	10043099	64	10048645	98	10054714
32	10043262	65	10048818	99	10054898
33	10043426	66	10048992		10055083

GRADUS

	6		6		6
M	Secantes	M	Secantes	M	Secantes
0	10055083	33	10061340	67	10068145
1	10055267	34	10061535	68	10068351
2	10055452	35	10061730	69	10068557
3	10055637	36	10061925	70	10068763
4	10055823	37	10062122	71	10068970
5	10056009	38	10062318	72	10069176
6	10056195	39	10062515	73	10069384
7	10056381	40	10062711	74	10069591
8	10056568	41	10062909	75	10069799
9	10056755	42	10063106	76	10070007
10	10056943	43	10063304	77	10070216
11	10057131	44	10063502	78	10070425
12	10057319	45	10063700	79	10070634
13	10057507	46	10063899	80	10070843
14	10057696	47	10064098	81	10071053
15	10057885	48	10064297	82	10071263
16	10058074	49	10064497	83	10071473
17	10058264	50	10064697	84	10071684
18	10058453	51	10064897	85	10071895
19	10058644	52	10065098	86	10072106
20	10058834	53	10065299	87	10072318
21	10059025	54	10065500	88	10072530
22	10059216	55	10065702	89	10072742
23	10059408	56	10065904	90	10072955
24	10059600	57	10066106	91	10073168
25	10059792	58	10066308	92	10073381
26	10059984	59	10066511	93	10073594
27	10060177	60	10066714	94	10073808
28	10060370	61	10066918	95	10074022
29	10060563	62	10067121	96	10074237
30	10060757	63	10067326	97	10074452
31	10060951	64	10067530	98	10074667
32	10061146	65	10067735	99	10074882
33	10061340	66	10067940		10075098

	7		7		7
M	Secantes	M	Secantes	M	Secantes
0	10075098	33	10082395	67	10090275
1	10075314	34	10082622	68	10090513
2	10075531	35	10082849	69	10090750
3	10075747	36	10083076	70	10090988
4	10075964	37	10083303	71	10091227
5	10076182	38	10083531	72	10091465
6	10076399	39	10083759	73	10091704
7	10076617	40	10083988	74	10091943
8	10076835	41	10084216	75	10092183
9	10077054	42	10084445	76	10092423
10	10077273	43	10084675	77	10092663
11	10077492	44	10084905	78	10092903
12	10077712	45	10085135	79	10093144
13	10077932	46	10085365	80	10093385
14	10078152	47	10085596	81	10093627
15	10078372	48	10085827	82	10093869
16	10078593	49	10086058	83	10094111
17	10078814	50	10086289	84	10094353
18	10079036	51	10086521	85	10094596
19	10079257	52	10086754	86	10094839
20	10079480	53	10086986	87	10095082
21	10079702	54	10087219	88	10095326
22	10079925	55	10087452	89	10095570
23	10080148	56	10087686	90	10095815
24	10080371	57	10087919	91	10096059
25	10080595	58	10088154	92	10096304
26	10080819	59	10088388	93	10096549
27	10081043	60	10088623	94	10096795
28	10081268	61	10088858	95	10097041
29	10081492	62	10089093	96	10097287
30	10081718	63	10089329	97	10097534
31	10081943	64	10089565	98	10097781
32	10082169	65	10089802	99	10098028
33	10082395	66	10090038		10098276

	8		8		8
M	Secantes	M	Secantes	M	Secantes
0	10098276	33	10106624	67	10115591
1	10098523	34	10106882	68	10115861
2	10098772	35	10107141	69	10116130
3	10099020	36	10107400	70	10116400
4	10099269	37	10107660	71	10116671
5	10099518	38	10107919	72	10116941
6	10099767	39	10108179	73	10117212
7	10100017	40	10108440	74	10117484
8	10100267	41	10108700	75	10117755
9	10100518	42	10108961	76	10118027
10	10100769	43	10109223	77	10118299
11	10101020	44	10109484	78	10118572
12	10101271	45	10109746	79	10118845
13	10101523	46	10110009	80	10119118
14	10101775	47	10110271	81	10119392
15	10102027	48	10110534	82	10119666
16	10102280	49	10110798	83	10119940
17	10102533	50	10111061	84	10120214
18	10102786	51	10111325	85	10120489
19	10103040	52	10111589	86	10120764
20	10103294	53	10111854	87	10121040
21	10103548	54	10112119	88	10121316
22	10103802	55	10112384	89	10121592
23	10104057	56	10112649	90	10121868
24	10104313	57	10112915	91	10122145
25	10104568	58	10113181	92	10122422
26	10104824	59	10113448	93	10122700
27	10105080	60	10113715	94	10122978
28	10105337	61	10113982	95	10123256
29	10105593	62	10114249	96	10123534
30	10105851	63	10114517	97	10123813
31	10106108	64	10114785	98	10124092
32	10105366	65	10115053	99	10124371
33	10106624	66	10115322		10124651

	9		9		9
M	Secantes	M	Secantes	M	Secantes
0	10124651	33	10134064	67	10144132
1	10124931	34	10134354	68	10144434
2	10125211	35	10134646	69	10144736
3	10125492	36	10134937	70	10145039
4	10125773	37	10135229	71	10145341
5	10126055	38	10135521	72	10145645
6	10126336	39	10135813	73	10145948
7	10126618	40	10136106	74	10146252
8	10126900	41	10136399	75	10146556
9	10127183	42	10136692	76	10146860
10	10127466	43	10136986	77	10147165
11	10127749	44	10137280	78	10147470
12	10128033	45	10137574	79	10147776
13	10128317	46	10137869	80	10148082
14	10128601	47	10138164	81	10148388
15	10128886	48	10138459	82	10148694
16	10129171	49	10138755	83	10149001
17	10129456	50	10139051	84	10149308
18	10129741	51	10139347	85	10149615
19	10130027	52	10139644	86	10149923
20	10130313	53	10139941	87	10150231
21	10130600	54	10140238	88	10150540
22	10130887	55	10140536	89	10150848
23	10131174	56	10140833	90	10151157
24	10131462	57	10141132	91	10151467
25	10131749	58	10141430	92	10151776
26	10132038	59	10141729	93	10152086
27	10132326	60	10142028	94	10152397
28	10132615	61	10142328	95	10152708
29	10132904	62	10142628	96	10153019
30	10133193	63	10142928	97	10153330
31	10133483	64	10143229	98	10153642
32	10133773	65	10143529	99	10153954
33	10134064	66	10143831		10154266

GRADUS

	10		10		10
M	Secantes	M	Secantes	M	Secantes
0	10154266	33	10164757	67	10175943
1	10154579	34	10165081	68	10176278
2	10154892	35	10165405	69	10176613
3	10155205	36	10165729	70	10176948
4	10155519	37	10166054	71	10177284
5	10155833	38	10166378	72	10177620
6	10156147	39	10166704	73	10177957
7	10156461	40	10167029	74	10178294
8	10156776	41	10167355	75	10178631
9	10157092	42	10167681	76	10178968
10	10157407	43	10168008	77	10179306
11	10157723	44	10168334	78	10179644
12	10158040	45	10168662	79	10179983
13	10158356	46	10168989	80	10180321
14	10158673	47	10169317	81	10180660
15	10158990	48	10169645	82	10181000
16	10159308	49	10169974	83	10181340
17	10159626	50	10170302	84	10181680
18	10159944	51	10170632	85	10182020
19	10160263	52	10170961	86	10182361
20	10160582	53	10171291	87	10182702
21	10160901	54	10171621	88	10183043
22	10161220	55	10171952	89	10183385
23	10161540	56	10172282	90	10183727
24	10161861	57	10172613	91	10184070
25	10162181	58	10172945	92	10184413
26	10162502	59	10173277	93	10184756
27	10162823	60	10173609	94	10185099
28	10163145	61	10173941	95	10185443
29	10163467	62	10174274	96	10185787
30	10163789	63	10174607	97	10186131
31	10164111	64	10174941	98	10186476
32	10164434	65	10175275	99	10186821
33	10164757	66	10175609		10187167

GRADUS

	11		11		11
M	Secantes	M	Secantes	M	Secantes
0	10187167	33	10198754	67	10211074
1	10187513	34	10199111	68	10211443
2	10187859	35	10199468	69	10211811
3	10188205	36	10199825	70	10212180
4	10188552	37	10200183	71	10212549
5	10188899	38	10200541	72	10212919
6	10189246	39	10200900	73	10213289
7	10189594	40	10201259	74	10213659
8	10189942	41	10201618	75	10214030
9	10190291	42	10201977	76	10214401
10	10190639	43	10202337	77	10214772
11	10190989	44	10202697	78	10215144
12	10191338	45	10203058	79	10215516
13	10191688	46	10203419	80	10215888
14	10192038	47	10203780	81	10216261
15	10192388	48	10204141	82	10216634
16	10192739	49	10204503	83	10217007
17	10193090	50	10204865	84	10217381
18	10193442	51	10205228	85	10217755
19	10193794	52	10205591	86	10218129
20	10194146	53	10205954	87	10218504
21	10194498	54	10206318	88	10218879
22	10194851	55	10206682	89	10219254
23	10195204	56	10207046	90	10219630
24	10195558	57	10207410	91	10220006
25	10195911	58	10207775	92	10220382
26	10196266	59	10208140	93	10220759
27	10196620	60	10208506	94	10221136
28	10196975	61	10208872	95	10221514
29	10197330	62	10209238	96	10221891
30	10197685	63	10209605	97	10222269
31	10198041	64	10209972	98	10222648
32	10198397	65	10210339	99	10223027
33	10198754	66	10210706		10223406

	12		12		12
M	Secantes	M	Secantes	M	Secantes
0	10223406	33	10236107	67	10249582
1	10223785	34	10236498	68	10249984
2	10224165	35	10236889	69	10250387
3	10224545	36	10237280	70	10250790
4	10224926	37	10237672	71	10251193
5	10225306	38	10238064	72	10251597
6	10225687	39	10238456	73	10252001
7	10226069	40	10238849	74	10252406
8	10226451	41	10239242	75	10252810
9	10226833	42	10239635	76	10253215
10	10227215	43	10240029	77	10253621
11	10227598	44	10240423	78	10254027
12	10227981	45	10240818	79	10254433
13	10228365	46	10241212	80	10254839
14	10228749	47	10241608	81	10255246
15	10229133	48	10242003	82	10255653
16	10229518	49	10242399	83	10256061
17	10229902	50	10242795	84	10256458
18	10230288	51	10243191	85	10256877
19	10230673	52	10243588	86	10257285
20	10231059	53	10243985	87	10257694
21	10231445	54	10244383	88	10258103
22	10231832	55	10244781	89	10258513
23	10232219	56	10245179	90	10258923
24	10232606	57	10245578	91	10259333
25	10232994	58	10245977	92	10259744
26	10233382	59	10246376	93	10260155
27	10233770	60	10246775	94	10260566
28	10234159	61	10247175	95	10260978
29	10234548	62	10247575	96	10261389
30	10234937	63	10247976	97	10261802
31	10235327	64	10248377	98	10262214
32	10235717	65	10248778	99	10262628
33	10236108	66	10249180		10263041

	13		13		13
M	Secantes	M	Secantes	M	Secantes
0	10263041	33	10276876	67	10291528
1	10263455	34	10277302	68	10291965
2	10263869	35	10277727	69	10292402
3	10264283	36	10278153	70	10292840
4	10264698	37	10278579	71	10293278
5	10265113	38	10279006	72	10293717
6	10265528	39	10279433	73	10294156
7	10265944	40	10279860	74	10294595
8	10266360	41	10280288	75	10295034
9	10266777	42	10280716	76	10295474
10	10267194	43	10281144	77	10295914
11	10267611	44	10281572	78	10296355
12	10268028	45	10282001	79	10296796
13	10268446	46	10282431	80	10297237
14	10268864	47	10282861	81	10297679
15	10269283	48	10283291	82	10298121
16	10269702	49	10283721	83	10298563
17	10270121	50	10284152	84	10299006
18	10270541	51	10284583	85	10299449
19	10270961	52	10285014	86	10299892
20	10271381	53	10285446	87	10300336
21	10271802	54	10285878	88	10300780
22	10272223	55	10286311	89	10301224
23	10272644	56	10286744	90	10301669
24	10273066	57	10287177	91	10302114
25	10273488	58	10287610	92	10302560
26	10273910	59	10288044	93	10303005
27	10274333	60	10288478	94	10303452
28	10274756	61	10288913	95	10303898
29	10275179	62	10289348	96	10304345
30	10275603	63	10289783	97	10304792
31	10276027	64	10290219	98	10305240
32	10276452	65	10290655	99	10305688
33	10276876	66	10291091		10306136

	14		14		14
M	Secantes	M	Secantes	M	Secantes
0	10306136	33	10321129	67	10336980
1	10306585	34	10321589	68	10337453
2	10307034	35	10322050	69	10337926
3	10307483	36	10322511	70	10338399
4	10307933	37	10322972	71	10338872
5	10308383	38	10323434	72	10339346
6	10308833	39	10323896	73	10339821
7	10309284	40	10324359	74	10340295
8	10309735	41	10324821	75	10340770
9	10310187	42	10335285	76	10341246
10	10310639	43	10325748	77	10341721
11	10311091	44	10326212	78	10342197
12	10311543	45	10326676	79	10342674
13	10311996	46	10327141	80	10343150
14	10312449	47	10327606	81	10343628
15	10312903	48	10328071	82	10344105
16	10313357	49	10328537	83	10344583
17	10313811	50	10329003	84	10345061
18	10314266	51	10329469	85	10345540
19	10314721	52	10329936	85	10346019
20	10315176	53	10330403	87	10346498
21	10315632	54	10330871	88	10346978
22	10316088	55	10331338	89	10347458
23	10316545	56	10331807	90	10347938
24	10317001	57	10332275	91	10348419
25	10317459	58	10332744	92	10348900
26	10317916	59	10333213	93	10349381
27	10318374	60	10333683	94	10349863
28	10318832	61	10334153	95	10350345
29	10319291	62	10334623	96	10350828
30	10319750	63	10335094	97	10351311
31	10320209	64	10335565	98	10351794
32	10320669	65	10336036	99	10352278
33	10321129	66	10336508		10352762

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	15		15		15
M	Secantes	M	Secantes	M	Secantes
0	10352762	33	10368936	67	10386014
1	10353246	34	10369432	68	10386522
2	10353731	35	10369929	69	10387031
3	10354216	36	10370426	70	10387541
4	10354701	37	10370923	71	10388051
5	10355187	38	10371421	72	10388561
6	10355673	39	10371919	73	10389071
7	10356160	40	10372417	74	10389582
8	10356646	41	10372916	75	10390093
9	10357134	42	10373415	76	10390605
10	10357621	43	10373915	77	10391117
11	10358109	44	10374415	78	10391629
12	10358597	45	10374915	79	10392142
13	10359086	46	10375416	80	10392655
14	10359575	47	10375917	81	10393169
15	10360065	48	10376418	82	10393682
16	10360554	49	10376920	83	10394197
17	10361044	50	10377422	84	10394711
18	10361535	51	10377924	85	10395226
19	10362026	52	10378427	86	10395741
20	10362517	53	10378930	87	10396257
21	10363008	54	10379434	88	10396773
22	10363500	55	10379938	89	10397289
23	10363993	56	10380442	90	10397806
24	10364485	57	10380947	91	10398323
25	10364978	58	10381452	92	10398841
26	10365472	59	10381957	93	10399359
27	10365966	60	10382463	94	10399877
28	10366460	61	10382969	95	10400396
29	10366954	62	10383476	96	10400915
30	10367449	63	10383983	97	10401434
31	10367944	64	10384490	98	10401954
32	10368440	65	10384997	99	10402474
33	10368936	66	10385505		10402994

GRADUS

M	16 Secantes	M	16 Secantes	M	16 Secantes
0	10402994	33	10420377	67	10438709
1	10403515	34	10420910	68	10439255
2	10404036	35	10421443	69	10439801
3	10404558	36	10421977	70	10440348
4	10405080	37	10422511	71	10440894
5	10405602	38	10423045	72	10441442
6	10406125	39	10423580	73	10441989
7	10406648	40	10424116	74	10442537
8	10407171	41	10424651	75	10443086
9	10407695	42	10425187	76	10443634
10	10408219	43	10425724	77	10444184
11	10408743	44	10426260	78	10444733
12	10409268	45	10426798	79	10445283
13	10409794	46	10427335	80	10445833
14	10410319	47	10427873	81	10446384
15	10410845	48	10428411	82	10446935
16	10411372	49	10428950	83	10447486
17	10411898	50	10429489	84	10448038
18	10412425	51	10430028	85	10448590
19	10412953	52	10430568	86	10449143
20	10413481	53	10431108	87	10449696
21	10414009	54	10431649	88	10450249
22	10414538	55	10432190	89	10450802
23	10415067	56	10432731	90	10451356
24	10415596	57	10433272	91	10451911
25	10416126	58	10433814	92	10452466
26	10416656	59	10434357	93	10453021
27	10417186	60	10434899	94	10453576
28	18417717	61	10435443	95	10454132
29	10418248	62	10435986	96	10454688
30	10418780	63	10436530	97	10455245
31	10419312	64	10437074	98	10455802
32	10419844	65	10437619	99	10456360
33	10420376	66	10438164		10456917

	17		17		17
M	Secantes	M	Secantes	M	Secantes
0	10456917	33	10475537	67	10495156
1	10457476	34	10476108	68	10495739
2	10458034	35	10476679	69	10496323
3	10458593	36	10477250	70	10496908
4	10459152	37	10477822	71	10497493
5	10459712	38	10478395	72	10498078
6	10460272	39	10478967	73	10498664
7	10460833	40	10479540	74	10499250
8	10461393	41	10480113	75	10499836
9	10461955	42	10480687	76	10500423
10	10462516	43	10481261	77	10501010
11	10463078	44	10481836	78	10501598
12	10463640	45	10482411	79	10502186
13	10464203	46	10482986	80	10502774
14	10464766	47	10483562	81	10503363
15	10465330	48	10484138	82	10503952
16	10465894	49	10484714	83	10504541
17	10466458	50	10485291	84	10505131
18	10467022	51	10485868	85	10505721
19	10467587	52	10486446	86	10506312
20	10468153	53	10487024	87	10506903
21	10468719	54	10487602	88	10507495
22	10469285	55	10488181	89	10508086
23	10469851	56	10488760	90	10508679
24	10470418	57	10489339	91	10509271
25	10470985	58	10489919	92	10509864
26	10471553	59	10490500	93	10510458
27	10472121	60	10491080	94	10511051
28	10472689	61	10491661	95	10511646
29	10473258	62	10492243	96	10512240
30	10473827	63	10492825	97	10512835
31	10474397	64	10493407	98	10513430
32	10474967	65	10493989	99	10514026
33	10475537	66	10494572		10514622

	18		18		18
M	Secantes	M	Secantes	M	Secantes
0	10514622	33	10534511	67	10555448
1	10515219	34	10535120	68	10556071
2	10515815	35	10535730	69	10556694
3	10516413	36	10536340	70	10557318
4	10517010	37	10536951	71	10557942
5	10517608	38	10537562	72	10558566
6	10518207	39	10538173	73	10559191
7	10518805	40	10538785	74	10559816
8	10519405	41	10539397	75	10560441
9	10520004	42	10540009	76	10561067
10	10520604	43	10540622	77	10561693
11	10521205	44	10541235	78	10562320
12	10521805	45	10541849	79	10562947
13	10522406	46	10542463	80	10563574
14	10523008	47	10543077	81	10564202
15	10523610	48	10543692	82	10564830
16	10524212	49	10544307	83	10565459
17	10524815	50	10544923	84	10566088
18	10525418	51	10545539	85	10566717
19	10526021	52	10546155	86	10567347
20	10526625	53	10546772	87	10567978
21	10527230	54	10547389	88	10568608
22	10527834	55	10548007	89	10569239
23	10528439	56	10548625	90	10569871
24	10529045	57	10549243	91	10570502
25	10529650	58	10549862	92	10571135
26	10530257	59	10550481	93	10571767
27	10530863	60	10551101	94	10572400
28	10531470	61	10551721	95	10573034
29	10532078	62	10552341	96	10573667
30	10532685	63	10552962	97	10574302
31	10533293	64	10553583	98	10574936
32	10533902	65	10554204	99	10575571
33	10534511	66	10554826		10576207

	19		19		19
M	Secantes	M	Secantes	M	Secantes
0	10576207	33	10597399	67	10619692
1	10576842	34	10598048	68	10620354
2	10577479	35	10598697	69	10621017
3	10578115	36	10599347	70	10621681
4	10578752	37	10599997	71	10622345
5	10579390	38	10600648	72	10623009
6	10580027	39	10601299	73	10623674
7	10580666	40	10601950	74	10624339
8	10581304	41	10602602	75	10625005
9	10581943	42	10603254	76	10625671
10	10582582	43	10603907	77	10626337
11	10583222	44	10604560	78	10627004
12	10583862	45	10605214	79	10627671
13	10584503	46	10605867	80	10628339
14	10585144	47	10606522	81	10629007
15	10585785	48	10607176	82	10629676
16	10586427	49	10607831	83	10630344
17	10587069	50	10608487	84	10631014
18	10587712	51	10609143	85	10631683
19	10588355	52	10609799	86	10632353
20	10588998	53	10610456	87	10633024
21	10589642	54	10611113	88	10633695
22	10590286	55	10611770	89	10634366
23	10590931	56	10612428	90	10635038
24	10591576	57	10613086	91	10635710
25	10592221	58	10613745	92	10636383
26	10592867	59	10614404	93	10637055
27	10593513	60	10615064	94	10637729
28	10594160	61	10615724	95	10638403
29	10594807	62	10616384	96	10639077
30	10595454	63	10617045	97	10639751
31	10596102	64	10617706	98	10640426
32	10596750	65	10618367	99	10641102
33	10597399	66	10619029		10641778

	20		20		20
M	Secantes	M	Secantes	M	Secantes
0	10641778	33	10664310	67	10687997
1	10642454	34	10665000	68	10688701
2	10643130	35	10665690	69	10689405
3	10643807	36	10666381	70	10690110
4	10644485	37	10667072	71	10690815
5	10645163	38	10667763	72	10691521
6	10645841	39	10668455	73	10692227
7	10646520	40	10669148	74	10692934
8	10647199	41	10669840	75	10693641
9	10647878	42	10670533	76	10694348
10	10648558	43	10671227	77	10695056
11	10649239	44	10671921	78	10695764
12	10649919	45	10672615	79	10696472
13	10650600	46	10673310	80	10697181
14	10651282	47	10674005	81	10697891
15	10651964	48	10674701	82	10698601
16	10652646	49	10675397	83	10699311
17	10653329	50	10676093	84	10700022
18	10654012	51	10676790	85	10700733
19	10654696	52	10677488	86	10701444
20	10655380	53	10678185	87	10702156
21	10656064	54	10678883	88	10702868
22	10656749	55	10679582	89	10703581
23	10657435	56	10680281	90	10704294
24	10658120	57	10680980	91	10705008
25	10658806	58	10681680	92	10705722
26	10659493	59	10682380	93	10706437
27	10660180	60	10683081	94	10707152
28	10660867	61	10683782	95	10707867
29	10661555	62	10684483	96	10708583
30	10662243	63	10685185	97	10709299
31	10662932	64	10685888	98	10710015
32	10663621	65	10686590	99	10710732
33	10664310	66	10687294		10711450

GRADUS

	21		21		21
M	Secantes	M	Secantes	M	Secantes
0	10711450	33	10735362	67	10760486
1	10712168	34	10736094	68	10761232
2	10712886	35	10736827	69	10761979
3	10713605	36	10737559	70	10762727
4	10714324	37	10738292	71	10763474
5	10715043	38	10739026	72	10764222
6	10715763	39	10739760	73	10764971
7	10716484	40	10740494	74	10765720
8	10717204	41	10741229	75	10766470
9	10717926	42	10741965	76	10767220
10	10718647	43	10742700	77	10767970
11	10719369	44	10743436	78	10768721
12	10720092	45	10744173	79	10769472
13	10720815	46	10744910	80	10770223
14	10721538	47	10745647	81	10770976
15	10722262	48	10746385	82	10771728
16	10722986	49	10747124	83	10772481
17	10723711	50	10747862	84	10773234
18	10724436	51	10748601	85	10773988
19	10725161	52	10749341	86	10774742
20	10725887	53	10750081	87	10775497
21	10726613	54	10750821	88	10776252
22	10727340	55	10751562	89	10777008
23	10728067	56	10752303	90	10777764
24	10728795	57	10753045	91	10778520
25	10729523	58	10753787	92	10779277
26	10730251	59	10754530	93	10780034
27	10730980	60	10755273	94	10780792
28	10731710	61	10756016	95	10781550
29	10732439	62	10756760	96	10782309
30	10733169	63	10757504	97	10783068
31	10733900	64	10758249	98	10783827
32	10734631	65	10758994	99	10784587
33	10735362	66	10759740		10785347

	22		22		22
M	Secantes	M	Secantes	M	Secantes
0	10785347	33	10810683	67	10837288
1	10786108	34	10811458	68	10838079
2	10786869	35	10812234	69	10838869
3	10787631	36	10813010	70	10839661
4	10788393	37	10813787	71	10840452
5	10789155	38	10814564	72	10841244
6	10789918	39	10815341	73	10842037
7	10790682	40	10816119	74	10842830
8	10791445	41	10816897	75	10843623
9	10792210	42	10817676	76	10844417
10	10792974	43	10818455	77	10845211
11	10793740	44	10819235	78	10846006
12	10794505	45	10820015	79	10846801
13	10795271	46	10820795	80	10847597
14	10796038	47	10821576	81	10848393
15	10796804	48	10822358	82	10849189
16	10797572	49	10823140	83	10849986
17	10798339	50	10823922	84	10850784
18	10799108	51	10824705	85	10851582
19	10799876	52	10825488	86	10852380
20	10800645	53	10826271	87	10853179
21	10801415	54	10827055	88	10853978
22	10802185	55	10827840	89	10854778
23	10802955	56	10828625	90	10855578
24	10803726	57	10829410	91	10856378
25	10804497	58	10830196	92	10857179
26	10805269	59	10830982	93	10857981
27	10806041	60	10831769	94	10858783
28	10806814	61	10832556	95	10859585
29	10807587	62	10833344	96	10860388
30	10808360	63	10834132	97	10861191
31	10809134	64	10834920	98	10861995
32	10809908	65	10835709	99	10862799
33	10810683	66	10836499		10863604

	23		23		23
M	Secantes	M	Secantes	M	Secantes
0	10863604	33	10890409	67	10918545
1	10864409	34	10891229	68	10919381
2	10865214	35	10892049	69	10920217
3	10866020	36	10892870	70	10921053
4	10866826	37	10893692	71	10921890
5	10867633	38	10894513	72	10922727
6	10868441	39	10895336	73	10923565
7	10869248	40	10896158	74	10924404
8	10870057	41	10896982	75	10925242
9	10870865	42	10897805	76	10926082
10	10871674	43	10898629	77	10926921
11	10872484	44	10899454	78	1092776
12	10873294	45	10900279	79	10928602
13	10874104	46	10901104	80	1092944
14	10874915	47	10901930	81	1093028
15	10875727	48	10902757	82	1093112
16	10876539	49	10903584	83	1093196
17	10877351	50	10904411	84	1093281
18	10878164	51	10905239	85	1093361
19	10878977	52	10906067	86	1093450
20	10879790	53	10906895	87	1093534
21	10880604	54	10907725	88	1093618
22	10881419	55	10908554	89	109370
23	10882234	56	10909384	90	1093788
24	10883049	57	10910215	91	1093872
25	10883865	58	10911046	92	1093957
26	10884682	59	10911877	93	1094042
27	10885498	60	10912709	94	1094126
28	10886316	61	10913541	95	1094211
29	10887134	62	10914374	96	1094296
30	10887952	63	10915207	97	109438
31	10888770	64	10916041	98	109446
32	10889589	65	10916875	99	109455
33	10890409	66	10917710		109463

	24		24		24
M	Secantes	M	Secantes	M	Secantes
0	10946363	33	10974687	67	11004407
1	10947213	34	10975554	68	11005289
2	10948065	35	10976420	69	11006172
3	10948917	36	10977288	70	11007055
4	10949769	37	10978155	71	11007939
5	10950621	38	10979023	72	11008824
6	10951475	39	10979892	73	11009708
7	10952328	40	10980761	74	11010594
8	10953182	41	10981631	75	11011479
9	10954037	42	10982501	76	11012366
10	10954892	43	10983371	77	11013252
11	10955747	44	10984242	78	11014139
12	10956603	45	10985114	79	11015027
13	10957460	46	10985986	80	11015915
14	10958317	47	10986858	81	11016804
15	10959174	48	10987731	82	11017693
16	10960032	49	10988605	83	11018583
17	10960890	50	10989478	84	11019473
18	10961749	51	10990353	85	11020363
19	10962608	52	10991228	86	11021254
20	10963468	53	10992103	87	11022146
21	10964328	54	10992979	88	11023038
22	10965189	55	10993855	89	11023930
23	10966050	56	10994732	90	11024823
24	10966912	57	10995609	91	11025716
25	10967774	58	10996486	92	11026610
26	10968636	59	10997365	93	11027505
27	10969499	60	10998243	94	11028400
28	10970363	61	10999122	95	11029295
29	10971227	62	11000002	96	11030191
30	10972091	63	11000882	97	11031087
31	10972956	64	11001762	98	11031984
32	10973821	65	11002643	99	11032881
33	10974687	66	11003525		11033779

GRADUS

	25		25		25
M	Secantes	M	Secantes	M	Secantes
0	11033779	33	11063676	67	11095036
1	11034677	34	11064591	68	11095967
2	11035576	35	11065505	69	11096898
3	11036475	36	11066421	70	11097830
4	11037375	37	11067336	71	11098763
5	11038275	38	11068253	72	11099696
6	11039176	39	11069169	73	11100629
7	11040077	40	11070086	74	11101563
8	11040978	41	11071004	75	11102497
9	11041881	42	11071922	76	11103432
10	11042783	43	11072841	77	11104368
11	11043686	44	11073760	78	11105304
12	11044590	45	11074680	79	11106240
13	11045494	46	11075600	80	11107177
14	11046398	47	11076520	81	11108114
15	11047303	48	11077442	82	11109052
16	11048209	49	11078363	83	11109991
17	11049115	50	11079285	84	11110929
18	11050021	51	11080208	85	11111869
19	11050928	52	11081131	86	11112809
20	11051836	53	11082054	87	11113749
21	11052744	54	11082978	88	11114690
22	11053652	55	11083903	89	11115631
23	11054561	56	11084828	90	11116573
24	11055470	57	11085754	91	11117515
25	11056380	58	11086680	92	11118458
26	11057290	59	11087606	93	11119402
27	11058201	60	11088533	94	11120346
28	11059113	61	11089461	95	11121290
29	11060024	62	11090389	96	11122235
30	11060937	63	11091317	97	11123180
31	11061849	64	11092246	98	11124126
32	11062763	65	11093176	99	11125072
33	11063676	66	11094105		11126019

	26		26		26
M	Secantes	M	Secantes	M	Secantes
0	11126019	33	11157547	67	11190607
1	11126967	34	11158511	68	11191589
2	11127914	35	11159476	69	11192570
3	11128863	36	11160441	70	11193553
4	11129812	37	11161406	71	11194536
5	11130761	38	11162372	72	11195519
6	11131711	39	11163339	73	11196503
7	11132661	40	11164306	74	11197487
8	11133612	41	11165273	75	11198472
9	11134563	42	11166241	76	11199458
10	11135515	43	11167210	77	11200443
11	11136468	44	11168179	78	11201430
12	11137421	45	11169148	79	11202417
13	11138374	46	11170118	80	11203404
14	11139328	47	11171089	81	11204392
15	11140282	48	11172060	82	11205381
16	11141237	49	11173032	83	11206370
17	11142192	50	11174004	84	11207359
18	11143148	51	11174976	85	11208349
19	11144105	52	11175949	86	11209340
20	11145062	53	11176923	87	11210331
21	11146019	54	11177897	88	11211323
22	11146977	55	11178872	89	11212315
23	11147935	56	11179847	90	11213307
24	11148894	57	11180823	91	11214300
25	11149854	58	11181799	92	11215294
26	11150814	59	11182775	93	11216288
27	11151774	60	11183753	94	11217283
28	11152735	61	11184730	95	11218278
29	11153696	62	11185709	96	11219274
30	11154658	63	11186687	97	11220270
31	11155621	64	11187667	98	11221267
32	11156584	65	11188646	99	11222264
33	11157547	66	11189627		11223262

	27		27		27
M	Secantes	M	Secantes	M	Secantes
0	11223262	33	11256483	67	11291309
1	11224261	34	11257498	68	11292343
2	11225259	35	11258514	69	11293377
3	11226259	36	11259531	70	11294411
4	11227259	37	11260548	71	11295447
5	11228259	38	11261566	72	11296482
6	11229260	39	11262584	73	11297519
7	11230261	40	11263603	74	11298555
8	11231263	41	11264622	75	11299593
9	11232266	42	11265642	76	11300631
10	11233269	43	11266662	77	11301669
11	11234272	44	11267683	78	11302708
12	11235277	45	11268704	79	11303747
13	11236281	46	11269726	80	11304787
14	11237286	47	11270749	81	11305828
15	11238292	48	11271771	82	11306869
16	11239298	49	11272795	83	11307911
17	11240305	50	11273819	84	11308953
18	11241312	51	11274844	85	11309995
19	11242320	52	11275869	86	11311039
20	11243328	53	11276895	87	11312082
21	11244337	54	11277921	88	11313127
22	11245346	55	11278947	89	11314172
23	11246356	56	11279975	90	11315217
24	11247366	57	11281002	91	11316263
25	11248377	58	11282031	92	11317309
26	11249388	59	11283059	93	11318356
27	11250400	60	11284089	94	11319404
28	11251413	61	11285119	95	11320452
29	11252426	62	11286149	96	11321500
30	11253439	63	11287180	97	11322550
31	11254453	64	11288211	98	11323599
32	11255468	65	11289243	99	11324650
33	11256483	66	11290276		11325700

	28		28		28
M	Secantes	M	Secantes	M	Secantes
0	11325700	33	11360680	67	11397343
1	11326752	34	11361749	68	11398431
2	11327803	35	11362819	69	11399519
3	11328856	36	11363889	70	11400608
4	11329909	37	11364960	71	11401698
5	11330962	38	11366032	72	11402788
6	11332016	39	11367103	73	11403879
7	11333071	40	11368176	74	11404970
8	11334126	41	11369249	75	11406062
9	11335182	42	11370323	76	11407155
10	11336238	43	11371397	77	11408248
11	11337294	44	11372472	78	11409341
12	11338352	45	11373547	79	11410435
13	11339409	46	11374623	80	11411530
14	11340468	47	11375699	81	11412625
15	11341527	48	11376776	82	11413721
16	11342586	49	11377854	83	11414817
17	11343646	50	11378932	84	11415914
18	11344707	51	11380010	85	11417012
19	11345768	52	11381089	86	11418110
20	11346829	53	11382169	87	11419208
21	11347891	54	11383249	88	11420367
22	11348954	55	11384330	89	11421407
23	11350017	56	11385411	90	11422507
24	11351081	57	11386493	91	11423608
25	11352145	58	11387576	92	11424709
26	11353210	59	11388659	93	11425811
27	11354276	60	11389742	94	11426914
28	11355342	61	11390826	95	11428017
29	11356408	62	11391911	96	11429120
30	11357475	63	11392996	97	11430225
31	11358543	64	11394082	98	11431329
32	11359611	65	11395168	99	11432434
33	11360680	66	11396255		1143354

	29		29		29
M	Secantes	M	Secantes	M	Secantes
0	11433540	33	11470351	67	11508926
1	11434647	34	11471476	68	11510070
2	11435754	35	11472601	69	11511216
3	11436861	36	11473728	70	11512361
4	11437970	37	11474855	71	11513508
5	11439078	38	11475982	72	11514655
6	11440187	39	11477110	73	11515802
7	11441297	40	11478238	74	11516950
8	11442408	41	11479368	75	11518099
9	11443519	42	11480497	76	11519248
10	11444630	43	11481627	77	11520398
11	11445742	44	11482758	78	11521548
12	11446855	45	11483890	79	11522699
13	11447968	46	11485022	80	11523851
14	11449082	47	11486154	81	11525003
15	11450196	48	11487287	82	11526156
16	11451311	49	11488421	83	11527309
17	11452426	50	11489555	84	11528463
18	11453542	51	11490690	85	11529618
19	11454659	52	11491825	86	11530773
20	11455779	53	11492961	87	11531928
21	11456894	54	11494098	88	11533085
22	11458012	55	11495235	89	11534242
23	11459131	56	11496373	90	11535399
24	11460250	57	11497511	91	11536557
25	11461370	58	11498650	92	11537716
26	11462491	59	11499789	93	11538875
27	11463612	60	11500929	94	11540034
28	11464734	61	11502070	95	11541195
29	11465856	62	11503211	96	11542356
30	11466979	63	11504353	97	11543517
31	11468102	64	11505495	98	11544679
32	11469226	65	11506638	99	11545842
33	11470351	66	11507782		11547005

	30		30		30
M	Secantes	M	Secantes	M	Secantes
0	11547005	33	11585723	67	11626292
1	11548169	34	11586906	68	11627495
2	11549333	35	11588090	69	11628700
3	11550498	36	11589275	70	11629905
4	11551664	37	11590460	71	11631110
5	11552830	38	11591646	72	11632316
6	11553997	39	11592832	73	11633523
7	11555164	40	11594019	74	11634730
8	11556332	41	11595206	75	11635938
9	11557501	42	11596395	76	11637147
10	11558670	43	11597583	77	11638356
11	11559840	44	11598773	78	11639566
12	11561010	45	11599962	79	11640776
13	11562181	46	11601153	80	11641987
14	11563352	47	11602344	81	11643198
15	11564525	48	11603536	82	11644411
16	11565697	49	11604728	83	11645623
17	11566870	50	11605921	84	11646837
18	11568044	51	11607114	85	11648051
19	11569219	52	11608308	86	11649265
20	11570394	53	11609503	87	11650481
21	11571569	54	11610698	88	11651696
22	11572746	55	11611894	89	11652913
23	11573922	56	11613091	90	11654130
24	11575100	57	11614288	91	11655347
25	11576278	58	11615485	92	11656566
26	11577456	59	11616684	93	11657785
27	11578636	60	11617883	94	11659004
28	11579815	61	11619082	95	11660224
29	11580996	62	11620282	96	11661445
30	11582177	63	11621483	97	11662666
31	11583358	64	11622684	98	11663888
32	11584540	65	11623886	99	11665111
33	11585723	66	11625089		11666334

GRADUS

	31		31		31
M	Secantes	M	Secantes	M	Secantes
0	11666334	33	11707042	67	11749692
1	11667558	34	11708286	68	11750957
2	11668782	35	11709531	69	11752223
3	11670007	36	11710777	70	11753490
4	11671232	37	11712023	71	11754757
5	11672459	38	11713269	72	11756025
6	11673685	39	11714516	73	11757294
7	11674913	40	11715764	74	11758563
8	11676141	41	11717013	75	11759833
9	11677370	42	11718262	76	11761103
10	11678599	43	11719511	77	11762374
11	11679829	44	11720762	78	11763646
12	11681059	45	11722013	79	11764918
13	11682290	46	11723264	80	11766191
14	11683522	47	11724516	81	11767465
15	11684754	48	11725769	82	11768739
16	11685987	49	11727023	83	11770014
17	11687221	50	11728277	84	11771289
18	11688455	51	11729531	85	11772565
19	11689690	52	11730787	86	11773842
20	11690925	53	11732043	87	11775120
21	11692162	54	11733299	88	11776398
22	11693398	55	11734557	89	11777676
23	11694635	56	11735814	90	11778956
24	11695873	57	11737073	91	11780236
25	11697112	58	11738332	92	11781516
26	11698351	59	11739592	93	11782797
27	11699591	60	11740853	94	11784079
28	11700831	61	11742113	95	11785362
29	11702072	62	11743375	96	11786645
30	11703314	63	11744637	97	11787929
31	11704556	64	11745900	98	11789213
32	11705799	65	11747163	99	11790498
33	11707042	66	11748427		11791784

GRADUS

	32		32		32
M	Secantes	M	Secantes	M	Secantes
0	11791704	33	11834572	67	11879397
1	11793070	34	11835880	68	11880727
2	11794357	35	11837188	69	11882058
3	11795645	36	11838497	70	11883389
4	11796933	37	11839807	71	11884721
5	11798222	38	11841117	72	11886053
6	11799511	39	11842428	73	11887386
7	11800802	40	11843739	74	11888720
8	11802092	41	11845051	75	11890055
9	11803384	42	11846364	76	11891390
10	11804670	43	11847670	77	11892726
11	11805969	44	11848992	78	11894062
12	11807262	45	11850307	79	11895399
13	11808556	46	11851622	80	11896737
14	11809851	47	11852938	81	11898075
15	11811140	48	11854255	82	11899415
16	11812442	49	11855572	83	11900754
17	11813739	50	11856890	84	11902095
18	11815036	51	11858209	85	11993436
19	11816334	52	11859528	86	11904778
20	11817632	53	11860848	87	11906120
21	11818932	54	11862169	88	11907463
22	11820231	55	11863490	89	11908807
23	11821532	56	11864812	90	11910152
24	11822833	57	11866135	91	11911497
25	11824135	58	11867458	92	11912842
26	11825437	59	11868782	93	11914189
27	11826740	60	11870107	94	11915536
28	11828041	61	11871432	95	11916884
29	11829348	62	11872758	96	11918232
30	11830653	63	11874084	97	11919581
31	11831959	64	11875412	98	11920931
32	11833265	65	11876740	99	11922282
33	11834572	66	11878068		11923633

	33		33		33
M	Secantes	M	Secantes	M	Secantes
0	11923633	33	11968597	67	12015699
1	11924985	34	11969971	68	12017097
2	11926337	35	11971346	69	12018495
3	11927690	36	11972722	70	12019893
4	11929044	37	11974098	71	12021293
5	11930398	38	11975475	72	12022693
6	11931754	39	11976852	73	12024094
7	11933109	40	11978230	74	12025495
8	11934466	41	11979609	75	12026898
9	11935823	42	11980988	76	12028300
10	11937181	43	11982369	77	12029704
11	11938539	44	11983750	78	12031108
12	11939899	45	11985131	79	12032513
13	11941258	46	11986513	80	12033919
14	11942619	47	11987896	81	12035325
15	11943980	48	11989280	82	12036733
16	11945342	49	11990664	83	12038140
17	11946705	50	11992049	84	12039549
18	11948068	51	11993435	85	12040958
19	11949432	52	11994821	86	12042368
20	11950796	53	11996208	87	12043778
21	11952162	54	11997596	83	12045190
22	11953527	55	11998984	89	12046602
23	11954894	56	12000374	90	12048014
24	11956261	57	12001763	91	12049428
25	11957629	58	12003154	92	12050842
26	11958998	59	12004545	93	12052256
27	11960367	60	12005937	94	12053672
28	11961737	61	12007329	95	12055088
29	11963108	62	12008723	96	12056505
30	11964479	63	12010117	97	12057922
31	11965851	64	12011511	98	12059341
32	11967224	65	12012906	99	12060762
33	11968597	66	12014302		12062179

GRADUS

	34		34		34
M	Secantes	M	Secantes	M	Secantes
0	12062179	33	12109424	67	12158912
1	12063600	34	12110867	68	12160380
2	12065021	35	12112312	69	12161849
3	12066442	36	12113757	70	12163319
4	12067865	37	12115203	71	12164789
5	12069288	38	12116649	72	12166260
6	12070712	39	12118097	73	12167732
7	12072137	40	12119545	74	12169204
8	12073562	41	12120993	75	12170677
9	12074988	42	12122443	76	12172151
10	12076415	43	12123893	77	12173626
11	12077842	44	12125344	78	12175101
12	12079270	45	12126795	79	12176578
13	12080699	46	12128248	80	12178055
14	12082128	47	12129701	81	12179532
15	12083559	48	12131154	82	12181010
16	12084989	49	12132609	83	12182490
17	12086421	50	12134064	84	12183969
18	12087853	51	12135520	85	12185450
19	12089286	52	12136976	86	12186931
20	12090720	53	12138434	87	12188413
21	12092155	54	12139892	88	12189896
22	12093590	55	12141350	89	12191379
23	12095026	56	12142810	90	12192863
24	12096462	57	12144270	91	12194348
25	12097900	58	12145731	92	12195834
26	12099338	59	12147193	93	12197320
27	12100776	60	12148655	94	12198808
28	12102216	61	12150118	95	12200295
29	12103656	62	12151582	96	12201784
30	12105097	63	12153047	97	12203273
31	12106538	64	12154512	98	12204763
32	12107981	65	12155978	99	12206254
33	12109424	66	12157444		12207746

	35		35		35
M	Secantes	M	Secantes	M	Secantes
0	12207746	33	12257382	67	12309374
1	12209238	34	12258898	68	12310917
2	12210731	35	12260416	69	12312460
3	12212225	36	12261934	70	12314004
4	12213719	37	12263453	71	12315549
5	12215214	38	12264973	72	12317094
6	12216710	39	12266493	73	12318641
7	12218207	40	12268015	74	12320188
8	12219704	41	12269537	75	12321735
9	12221203	42	12271060	76	12323284
10	12222702	43	12272583	77	12324833
11	12224201	44	12274107	78	12326383
12	12225702	45	12275632	79	12327934
13	12227203	46	12277158	80	12329486
14	12228705	47	12278685	81	12331038
15	12230207	48	12280212	82	12332591
16	12231711	49	12281740	83	12334145
17	12233215	50	12283269	84	12335700
18	12234720	51	12284798	85	12337255
19	12236225	52	12286329	86	12338812
20	12237731	53	12287860	87	12340369
21	12239239	54	12289392	88	12341926
22	12240746	55	12290924	89	12343485
23	12242255	56	12292458	90	12345044
24	12243764	57	12293991	91	12346604
25	12245274	58	12295527	92	12348165
26	12246785	59	12297062	93	12349727
27	12248297	60	12298599	94	12351289
28	12249809	61	12300136	95	12352852
29	12251322	62	12301674	96	12354416
30	12252836	63	12303212	97	12355981
31	12254350	64	12304752	98	12357546
32	12255866	65	12306292	99	12359113
33	12257382	66	12307833		12360682

GRADUS

	36		36		36
M	Secantes	M	Secantes	M	Secantes
0	12360680	33	12412828	67	12467453
1	12362247	34	12414421	68	12469073
2	12363816	35	12416016	69	12470695
3	12365385	36	12417611	70	12472317
4	12366955	37	12419207	71	12473940
5	12368526	38	12420803	72	12475564
6	12370098	39	12422401	73	12477188
7	12371670	40	12423999	74	12478813
8	12373244	41	12425598	75	12480440
9	12374818	42	12427198	76	12482067
10	12376392	43	12428799	77	12483694
11	12377968	44	12430400	78	12485323
12	12379544	45	12432002	79	12486952
13	12381121	46	12433605	80	12488583
14	12382699	47	12435209	81	12490214
15	12384278	48	12436814	82	12491845
16	12385857	49	12438419	83	12493478
17	12387438	50	12440025	84	12495111
18	12389019	51	12441632	85	12496745
19	12390600	52	12443240	86	12498381
20	12392183	53	12444849	87	12500017
21	12393766	54	12446458	88	12501653
22	12395350	55	12448068	89	12503291
23	12396935	56	12449679	90	12504929
24	12398521	57	12451291	91	12506568
25	12400108	58	12452904	92	12508208
26	12401695	59	12454517	93	12509849
27	12403283	60	12456131	94	12511490
28	12404872	61	12457746	95	12513133
29	12406461	62	12459362	96	12514776
30	12408052	63	12460979	97	12516420
31	12409643	64	12462596	98	12518064
32	12411235	65	12464214	99	12519710
33	12412828	66	12465833		12521356

GRADUS

	37		37		37
M	Secantes	M	Secantes	M	Secamtes
0	12521356	33	12576147	67	12633542
1	12523004	34	12577821	68	12635245
2	12524652	35	12579497	69	12636949
3	12526300	36	12581173	70	12638653
4	12527950	37	12582849	71	12640359
5	12529601	38	12584527	72	12642065
6	12531252	39	12586206	73	12643772
7	12532904	40	12587885	74	12645480
8	12534557	41	12589565	75	12647188
9	12536211	42	12591246	76	12648898
10	12537865	43	12592928	77	12650608
11	12539521	44	12594611	78	12652319
12	12541177	45	12596294	79	12654031
13	12542834	46	12597978	80	12655744
14	12544492	47	12599663	81	12657458
15	12546150	48	12601349	82	12659173
16	12547810	49	12603036	83	12660888
17	12549470	50	12604724	84	12662605
18	12551131	51	12606412	85	12664322
19	12552793	52	12608102	86	12666040
20	12554456	53	12609792	87	12667759
21	12556120	54	12611483	88	12669478
22	12557784	55	12613175	89	12671199
23	12559449	56	12614867	90	12672920
24	12561115	57	12616561	91	12674643
25	12562782	58	12618255	92	12676366
26	12564450	59	12619951	93	12678090
27	12566119	60	12621647	94	12679815
28	12567788	61	12623343	95	12681541
29	12569458	62	12625041	96	12683267
30	12571129	63	12626740	97	12684995
31	12572801	64	12628439	98	12686723
32	12574474	65	12630139	99	12688452
33	12576147	66	12631840		12690180

GRADUS

	38		38		38
M	Secantes	M	Secantes	M	Secantes
0	12690182	33	12747756	67	12808071
1	12691913	34	12749516	68	12809861
2	12693645	35	12751276	69	12811651
3	12695377	36	12753037	70	12813442
4	12697111	37	12754800	71	12815234
5	12698845	38	12756562	72	12817027
6	12700580	39	12758326	73	12818821
7	12702316	40	12760091	74	12820616
8	12704053	41	12761857	75	12822412
9	12705791	42	12763623	76	12824208
10	12707529	43	12765390	77	12826006
11	12709269	44	12767159	78	12827804
12	12711009	45	12768927	79	12829603
13	12712750	46	12770698	80	12831403
14	12714492	47	12772469	81	12833204
15	12716235	48	12774240	82	12835006
16	12717979	49	12776013	83	12836809
17	12719724	50	12777786	84	12838613
18	12721469	51	12779561	85	12840418
19	12723216	52	12781336	86	12842223
20	12724963	53	12783112	87	12844050
21	12726711	54	12784889	88	12845837
22	12728460	55	12786667	89	12847645
23	12730210	56	12788446	90	12849454
24	12731961	57	12790226	91	12851264
25	12733712	58	12792006	92	12853075
26	12735465	59	12793788	93	12854887
27	12737218	60	12795570	94	12856700
28	12738972	61	12797353	95	12858514
29	12740727	62	12799137	96	12860328
30	12742483	63	12800922	97	12862144
31	12744240	64	12802708	98	12863960
32	12745998	65	12804405	99	12865777
33	12747756	66	12806283		12867595

	39
M	Secantes
0	12867595
1	12869415
2	12871235
3	12873055
4	12874877
5	12876700
6	12878524
7	12880348
8	12882174
9	12884000
10	12885827
11	12887655
12	12889484
13	12891314
14	12893145
15	12894977
16	12896810
17	12898643
18	12900478
19	12902314
20	12904150
21	12905987
22	12907825
23	12909665
24	12911505
25	12913346
26	12915187
27	12917030
28	12918874
29	12920719
30	12922564
31	12924411
32	12926258
33	12928107
33	12928107
34	12929956
35	12931806
36	12933657
37	12935509
38	12937362
39	12939216
40	12941071
41	12942926
42	12944783
43	12946641
44	12948499
45	12950359
46	12952219
47	12954080
48	12955943
49	12957806
50	12959670
51	12961535
52	12963401
53	12965268
54	12967136
55	12969004
56	12970874
57	12972745
58	12974616
59	12976489
60	12978362
61	12980236
62	12982112
63	12983988
64	12985865
65	12987743
66	12989622
67	12991502
68	12993383
69	12995265
70	12997148
71	12999032
72	13000916
73	13002802
74	13004689
75	13006576
76	13008465
77	13010354
78	13012244
79	13014136
80	13016028
81	13017921
82	13019815
83	13021710
84	13023606
85	13025503
86	13027401
87	13029300
88	13031200
89	13033101
90	13035003
91	13036905
92	13038809
93	13040714
94	13042619
95	13044525
96	13046433
97	13048342
98	13050251
99	13052161
	13054073

GRADUS

	40		40		40
M	Secantes	M	Secantes	M	Secantes
0	13054073	33	13117686	67	13184338
1	13055985	34	13119630	68	13186316
2	13057898	35	13121575	69	13188294
3	13059812	36	13123521	70	13190274
4	13061727	37	13125468	71	13192255
5	13063644	38	13127417	72	13194237
6	13065561	39	13129366	73	13196219
7	13067479	40	13131316	74	13198203
8	13069398	41	13133267	75	13200188
9	13071318	42	13135219	76	13202173
10	13073238	43	13137172	77	13204160
11	13075160	44	13139125	78	13206147
12	13077083	45	13141080	79	13208136
13	13079007	46	13143036	80	13210126
14	13080932	47	13144993	81	13212116
15	13082857	48	13146951	82	13214108
16	13084784	49	13148910	83	13216101
17	13086712	50	13150870	84	13218094
18	13088640	51	13152831	85	13220089
19	13090570	52	13154792	86	13222085
20	13092500	53	13156755	87	13224081
21	13094432	54	13158719	88	13226079
22	13096364	55	13160684	89	13228078
23	13098298	56	13162650	90	13230077
24	13100232	57	13164616	91	13232078
25	13102168	58	13166584	92	13234080
26	13104104	59	13168553	93	13236082
27	13106041	60	13170523	94	13238086
28	13107980	61	13172493	95	13240091
29	13109919	62	13174465	96	13242097
30	13111859	63	13176438	97	13244105
31	13113801	64	13178411	98	13246111
32	13115743	65	13180386	99	13248120
33	13117686	66	13182362		13250130

	41		41		41
M	Secantes	M	Secantes	M	Secantes
0	13250130	33	13317025	67	13387124
1	13252141	34	13319070	68	13389205
2	13254152	35	13321115	69	13391286
3	13256165	36	13323162	70	13393368
4	13258179	37	13325210	71	13395451
5	13260194	38	13327258	72	13397535
6	13262210	39	13329308	73	13399621
7	13264227	40	13331359	74	13401707
8	13266245	41	13333411	75	13403795
9	13268264	42	13335464	76	13405883
10	13270283	43	13337517	77	13407973
11	13272304	44	13339572	78	13410063
12	13274326	45	13341628	79	13412155
13	13276349	46	13343685	80	13414248
14	13278374	47	13345744	81	13416342
15	13280399	48	13347803	82	13418437
16	13282425	49	13349863	83	13420533
17	13284452	50	13351924	84	13422630
18	13286480	51	13353986	85	13424728
19	13288509	52	13356050	86	13426827
20	13290539	53	13358114	87	13428927
21	13292570	54	13360179	88	13431028
22	13294603	55	13362246	89	13433131
23	13296636	56	13364313	90	13435234
24	13298670	57	13366382	91	13437339
25	13300705	58	13368451	92	13439444
26	13302742	59	13370522	93	13441551
27	13304779	60	13372593	94	13443658
28	13306818	61	13374666	95	13445767
29	13308857	62	13376740	96	13447877
30	13310897	63	13378815	97	13449988
31	13312939	64	13380891	98	13452100
32	13314981	65	13382967	99	13454213
33	13317025	66	13385045		13456327

	42		42		42
M	Secantes	M	Secantes	M	Secantes
0	13456327	33	13526700	67	13600454
1	13458443	34	13528851	68	13602642
2	13460559	35	13531003	69	13604832
3	13462676	36	13533156	70	13607023
4	13464794	37	13535311	71	13609215
5	13466914	38	13537466	72	13611408
6	13469034	39	13539623	73	13613603
7	13471156	40	13541780	74	13615798
8	13473279	41	13543939	75	13617994
9	13475403	42	13546090	76	13620192
10	13477528	43	13548260	77	13622391
11	13479654	44	13550422	78	13624591
12	13481781	45	13552585	79	13626792
13	13483909	46	13554749	80	13628994
14	13486038	47	13556914	81	13631197
15	13488168	48	13559081	82	13633402
16	13490300	49	13561248	83	13635607
17	13492432	50	13563417	84	13637814
18	13494566	51	13565587	85	13640022
19	13496700	52	13567757	86	13642230
20	13498836	53	13569929	87	13644441
21	13500973	54	13572102	88	13646652
22	13503111	55	13574277	89	13648864
23	13505250	56	13576452	90	13651077
24	13507390	57	13578628	91	13653292
25	13509531	58	13580806	92	13655508
26	13511673	59	13582985	93	13657725
27	13513817	60	13585164	94	13659943
28	13515961	61	13587345	95	13662162
29	13518107	62	13589527	96	13664382
30	13520254	63	13591710	97	13666603
31	13522401	64	13593894	98	13668826
32	13524550	65	13596080	99	13671050
33	13526700	66	13598266		13673274

	43		43		43
M	Secantes	M	Secantes	M	Secantes
0	13673274	33	13747338	67	13824971
1	13675500	34	13749602	68	13827275
2	13677727	35	13751867	69	13829581
3	13679956	36	13754133	70	13831887
4	13682185	37	13756401	71	13834195
5	13684416	38	13758669	72	13836503
6	13686647	39	13760939	73	13838813
7	13688880	40	13763210	74	13841124
8	13691114	41	13765482	75	13843437
9	13693349	42	13767756	76	13845750
10	13695585	43	13770030	77	13848065
11	13697823	44	13772306	78	13850381
12	13700061	45	13774583	79	13852698
13	13702301	46	13776861	80	13855016
14	13704542	47	13779140	81	13857336
15	13706784	48	13781420	82	13859657
16	13709027	49	13783702	83	13861979
17	13711271	50	13785985	84	13864302
18	13713517	51	13788268	85	13866626
19	13715764	52	13790554	86	13868952
20	13718011	53	13792840	87	13871278
21	13720260	54	13795127	88	13873606
22	13722510	55	13797416	89	13875935
23	13724762	56	13799706	90	13878266
24	13727014	57	13801997	91	13880597
25	13729267	58	13804289	92	13882930
26	13731522	59	13806582	93	13885264
27	13733778	60	13808877	94	13887599
28	13736035	61	13811172	95	13889936
29	13738293	62	13813469	96	13892273
30	13740553	63	13815767	97	13894612
31	13742813	64	13818066	98	13896952
32	13745075	65	13820367	99	13899293
33	13747337	66	13822669		13901636

GRADUS

	44		44		44
M	Secantes	M	Secantes	M	Secantes
0	13901636	33	13979621	67	14061381
1	13903979	34	13982005	68	14063808
2	13906324	35	13984391	69	14066236
3	13908670	36	13986777	70	14068665
4	13911018	37	13989165	71	14071096
5	13913366	38	13991554	72	14073528
6	13915716	39	13993945	73	14075961
7	13918067	40	13996336	74	14078395
8	13920419	41	13998729	75	14080830
9	13922772	42	14001123	76	14083267
10	13925127	43	14003518	77	14085705
11	13927483	44	14005915	78	14088145
12	13929840	45	14008313	79	14090585
13	13932198	46	14010712	80	14093027
14	13934558	47	14013112	81	14095471
15	13936918	48	14015514	82	14097915
16	13939280	49	14017916	83	14100361
17	13941643	50	14020320	84	14102808
18	13944007	51	14022726	85	14105256
19	13946373	52	14025132	86	14107706
20	13948740	53	14027540	87	14110157
21	13951108	54	14029949	88	14112609
22	13953478	55	14032359	89	14115062
23	13955848	56	14034771	90	14117517
24	13958220	57	14037184	91	14119973
25	13960593	58	14039598	92	14122431
26	13962967	59	14042013	93	14124889
27	13965343	06	14044430	94	14127349
28	13967719	61	14046848	95	14129810
29	13970097	62	14049267	96	14132273
30	13972476	63	14051687	97	14134736
31	13974857	64	14054109	98	14137201
32	13977238	65	14056532	99	14139668
33	13979621	66	14058956		1414213

	45		45		45
M	Secantes	M	Secantes	M	Secantes
0	14142135	34	14226809	67	14310452
1	14144604	35	14229322	68	14313010
2	14147075	36	14231837	69	14315568
3	14149546	37	14234353	70	14318129
4	14152019	38	14236870	71	14320690
5	14154493	39	14239389	72	14323253
6	14156968	40	14241909	73	14325817
7	14159445	41	14244430	74	14328383
8	14161923	42	14246953	75	14330950
9	14164402	43	14249477	76	14333518
10	14166883	44	14252002	77	14336087
11	14169365	45	14254529	78	14338658
12	14171848	46	14257057	79	14341231
13	14174332	47	14259586	80	14343804
14	14176818	48	14262117	81	14346379
15	14179305	49	14264648	82	14348956
16	14181794	50	14267182	83	14351534
17	14184283	51	14269716	84	14354113
18	14186774	52	14272252	85	14356693
19	14189267	53	14274790	86	14359275
20	14191760	54	14277328	87	14361858
21	14194255	55	14279868	88	14364443
22	14196752	56	14282409	89	14367029
23	14199249	57	14284952	90	14369616
24	14201748	58	14287496	91	14372205
25	14204248	59	14290041	92	14374795
26	14206750	06	14292588	93	14377387
27	14209252	61	14295136	94	14379979
28	14211757	62	14297685	95	14382574
29	14214262	63	14300236	96	14385169
30	14216769	64	14302788	97	14387766
31	14219277	65	14305341	98	14390364
32	14221786	66	14307896	99	14392964
33	14224297	67	14310452		14395565

GRADUS

	46		46		46
M	Secantes	M	Secantes	M	Secantes
0	14395565	34	14484828	67	14573025
1	14398168	35	14487478	68	14575722
2	14400771	36	14490130	69	14578420
3	14403377	37	14492782	70	14581120
4	14405983	38	14495436	71	14583822
5	14408591	39	14498092	72	14586524
6	14411201	40	14500749	73	14589228
7	14413811	41	14503407	74	14591934
8	14416424	42	14506067	75	14594641
9	14419037	43	14508728	76	14597350
10	14421652	44	14511391	77	14600060
11	14424268	45	14514055	78	14602771
12	14426886	46	14516720	79	14605484
13	14429505	47	14519387	80	14608198
14	14432126	48	14522056	81	14610914
15	14434747	49	14524725	82	14613631
16	14437371	50	14527397	83	14616350
17	14439995	51	14530069	84	14619070
18	14442621	52	14532743	85	14621792
19	14445249	53	14535419	86	14624515
20	14447878	54	14538095	87	14627239
21	14450508	55	14540774	88	14629965
22	14453139	56	14543453	89	14632693
23	14455772	57	14546135	90	14635422
24	14458407	58	14548817	91	14638152
25	14461043	59	14551501	92	14640884
26	14463680	60	14554187	93	14643617
27	14466319	61	14556874	94	14646352
28	14468959	62	14559562	95	14649088
29	14471600	63	14562252	96	14651826
30	14474243	64	14564943	97	14654565
31	14476887	65	14567635	98	14657306
32	14479533	66	14570330	99	14660048
33	14482180	67	14573025		14662792

	47		47		47
M	Secantes	M	Secantes	M	Secantes
0	14662792	34	14756958	67	14850021
1	14665537	35	14759754	68	14852868
2	14668283	36	14762551	69	14855715
3	14671031	37	14765350	70	14858565
4	14673781	38	14768150	71	14861415
5	14676532	39	14770952	72	14864268
6	14679284	40	14773755	73	14867122
7	14682038	41	14776560	74	14869977
8	14684794	42	14779366	75	14872834
9	14687551	43	14782174	76	14875692
10	14690309	44	14784984	77	14878553
11	14693069	45	14787795	78	14881414
12	14695830	46	14790607	79	14884277
13	14698593	47	14793421	80	14887142
14	14701357	48	14796237	81	14890008
15	14704123	49	14799054	82	14892876
16	14706890	50	14801872	83	14895746
17	14709659	51	14804692	84	14898617
18	14712430	52	14807514	85	14901489
19	14715201	53	14810337	86	14904363
20	14717975	54	14813162	87	14907239
21	14720749	55	14815988	88	14910116
22	14723526	56	14818815	89	14912995
23	14726303	57	14821645	90	14915875
24	14729083	58	14824475	91	1491875
25	14731863	59	14827308	92	1492164
26	14734646	60	14830142	93	1492452
27	14737429	61	14832977	94	1492741
28	14740215	62	14835814	95	1493030
29	14743001	63	14838652	96	1493319
30	14745790	64	14841492	97	1493608
31	14748579	65	14844334	98	1493897
32	14751371	66	14847177	99	1494186
33	14754163	67	14850021		1494476

	48		48		48
M	Secantes	M	Secantes	M	Secantes
0	14944765	34	15044178	67	15142454
1	14947663	35	15047130	68	15145460
2	14950562	36	15050084	69	15148467
3	14953463	37	15053039	70	15151477
4	14956365	38	15055996	71	15154488
5	14959269	39	15058954	72	15157500
6	14962175	40	15061915	73	15160514
7	14965082	41	15064876	74	15163530
8	14967991	42	15067840	75	15166548
9	14970901	43	15070805	76	15169567
10	14973813	44	15073771	77	15172588
11	14976727	45	15076739	78	15175611
12	14979642	46	15079709	79	15178635
13	14982558	47	15082681	80	15181661
14	14985477	48	15085654	81	15184688
15	14988397	49	15088628	82	15187717
16	14991318	50	15091605	83	15190748
17	14994241	51	15094583	84	15193781
18	14997166	52	15097562	85	15196815
19	15000092	53	15100544	86	15199851
20	15003020	54	15103527	87	15202889
21	15005949	55	15106511	88	15205928
22	15008880	56	15109497	89	15208969
23	15011813	57	15112485	90	15212012
24	15014747	58	15115475	91	15215056
25	15017683	59	15118466	92	15218102
26	15020621	60	15121458	93	15221150
27	15023560	61	15124453	94	15224199
28	15026500	62	15127449	95	15227250
29	15029443	63	15130447	96	15230303
30	15032387	64	15133446	97	15233357
31	15035332	65	15136447	98	15236413
32	15038279	66	15139450	99	15239471
33	15041228	67	15142454		15242531

	49		49		49
M	Secantes	M	Secantes	M	Secantes
0	15242531	34	15347569	67	15451436
1	15245592	35	15350689	68	15454614
2	15248655	36	15353810	69	15457793
3	15251719	37	15356933	70	15460974
4	15254786	38	15360058	71	15464157
5	15257854	39	15363184	72	15467341
6	15260923	40	15366312	73	15470528
7	15263995	41	15369442	74	15473716
8	15267068	42	15372574	75	15476906
9	15270143	43	15375707	76	15480097
10	15273219	44	15378843	77	15483291
11	15276297	45	15381979	78	15486486
12	15279377	46	15385118	79	15489683
13	15282459	47	15388258	80	15492882
14	15285542	48	15391401	81	15496083
15	15288627	49	15394545	82	15499285
16	15291714	50	15397690	83	15502490
17	15294802	51	15400838	84	15505696
18	15297892	52	15403987	85	15508903
19	15300984	53	15407138	86	15512113
20	15304078	54	15410290	87	15515325
21	15307173	55	15413445	88	15518538
22	15310270	56	15416601	89	15521753
23	15313369	57	15419759	90	15524970
24	15316470	58	15422919	91	15528188
25	15319572	59	15426080	92	15531409
26	15322676	60	15429244	93	15534631
27	15325781	61	15432409	94	15537855
28	15328889	62	15435576	95	15541081
29	15331998	63	15438744	96	15544309
30	15335109	64	15441914	97	15547539
31	15338221	65	15445087	98	1555077
32	15341335	66	15448260	99	1555400
33	15344452	67	15451436		1555723

	50		50		50
M	Secantes	M	Secantes	M	Secantes
0	15557238	34	15668320	67	15778197
1	15560475	35	15671619	68	15781559
2	15563714	36	15674921	69	15784923
3	15566954	37	15678224	70	15788288
4	15570196	38	15681529	71	15791656
5	15573440	39	15684836	72	15795026
6	15576686	40	15688145	73	15798397
7	15579934	41	15691456	74	15801770
8	15583184	42	15694768	75	15805146
9	15586435	43	15698083	76	15808523
10	15589688	44	15701399	77	15811902
11	15592943	45	15704717	78	15815283
12	15596200	46	15708037	79	15818666
13	15599459	47	15711359	80	15822051
14	15602720	48	15714683	81	15825438
15	15605982	49	15718009	82	15828827
16	15609246	50	15721337	83	15832217
17	15612513	51	15724666	84	15835610
18	15615781	52	15727998	85	15839005
19	15619050	53	15731331	86	15842401
20	15622322	54	15734666	87	15845800
21	15625596	55	15738003	88	15849200
22	15628871	56	15741342	89	15852602
23	15632148	57	15744683	90	15856007
24	15635427	58	15748026	91	15859413
25	15638708	59	15751371	92	15862821
26	15641991	60	15754717	93	15866231
27	15645275	61	15758066	94	15869643
28	15648562	62	15761416	95	15873057
29	15651850	63	15764769	96	15876474
30	15655140	64	15768123	97	15879891
31	15658432	65	15771479	98	15883311
32	15661725	66	15774837	99	15886733
33	15665022	67	15778197		15890157

	51		51		51
M	Secantes	M	Secantes	M	Secantes
0	15890157	34	16007743	67	16124095
1	15893583	35	16011237	68	16127655
2	15897011	36	16014732	69	16131218
3	15900440	37	16018229	70	16134783
4	15903872	38	16021729	71	16138349
5	15907306	39	16025230	72	16141918
6	15910741	40	16028734	73	16145489
7	15914179	41	16032239	74	16149062
8	15917618	42	16035747	75	16152637
9	15921060	43	16039256	76	16156214
10	15924503	44	16042767	77	16159793
11	15927949	45	16046281	78	16163375
12	15931396	46	16049797	79	16166958
13	15934846	47	16053314	80	16170544
14	15938297	48	16056834	81	16174131
15	15941751	49	16060355	82	16177721
16	15945206	50	16063879	83	16181312
17	15948663	51	16067405	84	16184906
18	15952123	52	16070933	85	16188502
19	15955584	53	16074462	86	16192100
20	15959047	54	16077994	87	16195700
21	15962513	55	16081528	88	16199302
22	15965980	56	16085064	89	16202907
23	15969449	57	16088602	90	16206513
24	15972921	58	16092142	91	16210121
25	15976394	59	16095684	92	16213732
26	15979869	60	16099228	93	1621734
27	15983346	61	16102774	94	1622095
28	15986826	62	16106323	95	1622457
29	15990307	63	16109873	96	1622819
30	15993790	64	16113425	97	1623181
31	15997276	65	16116980	98	16235446
32	16000763	66	16120536	99	16239066
33	16004252	67	16124095		1624269

	52		52		52
M	Secantes	M	Secantes	M	Secantes
0	16242692	34	16367295	67	16490634
1	16246322	35	16370997	68	16494409
2	16249953	36	16374702	69	16498186
3	16253587	37	16378409	70	16501966
4	16257223	38	16382118	71	16505748
5	16260861	39	16385829	72	16509532
6	16264501	40	16389542	73	16513318
7	16268144	41	16393258	74	16517107
8	16271788	42	16396975	75	16520897
9	16275435	43	16400695	76	16524690
10	16279083	44	16404417	77	16528486
11	16282734	45	16408142	78	16532283
12	16286387	46	16411868	79	16536083
13	16290042	47	16415597	80	16539885
14	16293699	48	16419328	81	16543689
15	16297359	49	16423061	82	16547496
16	16301020	50	16426796	83	16551305
17	16304684	51	16430534	84	16555116
18	16308349	52	16434273	85	16558929
19	16312017	53	16438015	86	16562745
20	16315687	54	16441759	87	16566562
21	16319360	55	16445506	88	16570383
22	16323034	56	16449254	89	16574205
23	16326710	57	16453005	90	16578030
24	16330389	58	16456758	91	16581857
25	16334070	59	16460513	92	16585686
26	16337753	60	16464270	93	16589517
27	16341438	61	16468030	94	16593351
28	16345125	62	16471791	95	16597187
29	16348815	63	16475555	96	16601025
30	16352506	64	16479322	97	16604865
31	16356200	65	16483090	98	16608709
32	16359896	66	16486861	99	16612554
33	16363594	67	16490634		16616401

M	53 Secantes	M	53 Secantes	M	53 Secantes
0	16616401	34	16748588	67	16879486
1	16620251	35	16752516	68	16883494
2	16624103	36	16756447	69	16887503
3	16627957	37	16760381	70	16891516
4	16631814	38	16764317	71	16895530
5	16635673	39	16768255	72	16899547
6	16639534	40	16772195	73	16903567
7	16643397	41	16776138	74	16907589
8	16647263	42	16780083	75	16911613
9	16651131	43	16784031	76	16915640
10	16655002	44	16787980	77	16919669
11	16658874	45	16791933	78	16923700
12	16662749	46	16795887	79	16927734
13	16666627	47	16799844	80	16931771
14	16670506	48	16803804	81	16935810
15	16674388	49	16807765	82	16939851
16	16678273	50	16811730	83	16943895
17	16682159	51	16815696	84	16947941
18	16686048	52	16819665	85	16951990
19	16689939	53	16823636	86	16956041
20	16693833	54	16827610	87	16960095
21	16697729	55	16831586	88	16964151
22	16701627	56	16835565	89	16968209
23	16705528	57	16839546	90	16972270
24	16709430	58	16843529	91	16976334
25	16713336	59	16847514	92	16980400
26	16717243	60	16851503	93	16984468
27	16721153	61	16855493	94	16988539
28	16725065	62	16859486	95	16992612
29	16728980	63	16863481	96	16996688
30	16732897	64	16867479	97	17000766
31	16736816	65	16871479	98	17004847
32	16740738	66	16875481	99	17008930
33	16744662	67	16879486		17013016

	54		54		54
M	Secantes	M	Secantes	M	Secantes
0	17013016	34	17153420	67	17292515
1	17017104	35	17157593	68	17296774
2	17021195	36	17161770	69	17301036
3	17025288	37	17165949	70	17305301
4	17029384	38	17170130	71	17309568
5	17033482	39	17174314	72	17313837
6	17037582	40	17178501	73	17318110
7	17041685	41	17182690	74	17322385
8	17045791	42	17186882	75	17326662
9	17049899	43	17191076	76	17330943
10	17054010	44	17195273	77	17335226
11	17058123	45	17199472	78	17339511
12	17062238	46	17203674	79	17343799
13	17066357	47	17207879	80	17348090
14	17070477	48	17212086	81	17352384
15	17074600	49	17216296	82	17356680
16	17078726	50	17220508	83	17360979
17	17082854	51	17224723	84	17365280
18	17086985	52	17228940	85	17369585
19	17091118	53	17233160	86	17373891
20	17095254	54	17237383	87	17378201
21	17099392	55	17241608	88	17382513
22	17103533	56	17245836	89	17386828
23	17107676	57	17250067	90	17391145
24	17111822	58	17254300	91	17395465
25	17115970	59	17258536	92	17399788
26	17120121	60	17262774	93	17404114
27	17124275	61	17267015	94	17408442
28	17128431	62	17271258	95	17412773
29	17132589	63	17275504	96	17417107
30	17136750	64	17279753	97	17421443
31	17140914	65	17284004	98	17425782
32	17145080	66	17288258	99	17430123
33	17149248	67	17292515		17434468

GRADUS

	55		55		55
M	Secantes	M	Secantes	M	Secantes
0	17434468	34	17583796	67	17731800
1	17438815	35	17588236	68	17736334
2	17443165	36	17592679	69	17740870
3	17447517	37	17597124	70	17745408
4	17451872	38	17601573	71	17749950
5	17456230	39	17606024	72	17754495
6	17460591	40	17610478	73	17759042
7	17464954	41	17614935	74	17763592
8	17469320	42	17619395	75	17768146
9	17473689	43	17623857	76	17772702
10	17478060	44	17628322	77	17777261
11	17482434	45	17632790	78	17781822
12	17486811	46	17637261	79	17786387
13	17491191	47	17641735	80	17790955
14	17495573	48	17646211	81	17795525
15	17499958	49	17650691	82	17800098
16	17504346	50	17655173	83	17804675
17	17508736	51	17659658	84	17809254
18	17513129	52	17664145	85	17813836
19	17517525	53	17668636	86	17818421
20	17521924	54	17673129	87	17823009
21	17526326	55	17677625	88	17827600
22	17530730	56	17682124	89	17832193
23	17535137	57	17686626	90	17836790
24	17539547	58	17691131	91	17841389
25	17543959	59	17695638	92	17845992
26	17548374	60	17700149	93	17850597
27	17552792	61	17704662	94	17855205
28	17557213	62	17709178	95	17859816
29	17561637	63	17713697	96	17864431
30	17566063	64	17718218	97	17869048
31	17570492	65	17722743	98	17873668
32	17574924	66	17727270	99	17878290
33	17579358	67	17731800		17882956

GRADUS

	56		56		56
M	Secantes	M	Secantes	M	Secantes
0	17882916	34	18041961	67	18199674
1	17887545	35	18046691	68	18204506
2	17892177	36	18 51424	69	18209341
3	17896811	37	18056161	70	18214179
4	17901449	38	18060900	71	18219020
5	17906090	39	18065642	72	18223864
6	17910733	40	18070388	73	18228712
7	17915380	41	18075136	74	18233562
8	17920029	42	18079888	75	18238416
9	17924681	43	18084642	76	18243273
10	17929337	44	18089400	77	18248132
11	17933995	45	18094161	78	18252996
12	17938656	46	18098924	79	18257862
13	17943321	47	18103691	80	18262731
14	17947988	48	18108461	81	18267604
15	17952658	49	18113234	82	18272479
16	17957331	50	18118010	83	18277358
17	17962007	51	18122789	84	18282240
18	17966687	52	18127571	85	18287125
19	17971369	53	18132357	86	18292014
20	17976054	54	18137145	87	18296905
21	17980742	55	18141936	88	18301800
22	17985433	56	18146731	89	18306698
23	17990127	57	18151528	90	18311599
24	17994824	58	18156329	91	18316503
25	17999524	59	18161133	92	18321410
26	18004227	60	18165940	93	18326321
27	18008933	61	18170750	94	18331235
28	18013643	62	18175563	95	18336152
29	18018355	63	18180379	96	18341072
30	18023070	64	18185198	97	18345995
31	18027788	65	18190020	98	18350922
32	18032509	66	18194846	99	18355851
33	18037233	67	18199674		18360784

M	57 Secantes	M	57 Secantes	M	57 Secantes
0	18360784	34	18530436	67	18698759
1	18365721	35	18535483	68	18703917
2	18370660	36	18540534	69	18709078
3	18375603	37	18545587	70	18714243
4	18380548	38	18550644	71	18719412
5	18385498	39	18555705	72	18724584
6	18390450	40	18560769	73	18729759
7	18395405	41	18565836	74	18734938
8	18400364	42	18570906	75	18740120
9	18405326	43	18575980	76	18745305
10	18410291	44	18581057	77	18750494
11	18415260	45	18586137	78	18755687
12	18420232	46	18591221	79	18760883
13	18425207	47	18596308	80	18766082
14	18430185	48	18601399	81	18771285
15	18435166	49	18606493	82	18776491
16	18440151	50	18611590	83	18781701
17	18445139	51	18616690	84	18786914
18	18450130	52	18621794	85	18792131
19	18455125	53	18626901	86	18797351
20	18460122	54	18632012	87	18802574
21	18465123	55	18637126	88	18807802
22	18470128	56	18642244	89	18813032
23	18475135	57	18647364	90	18818266
24	18480146	58	18652489	91	18823504
25	18485160	59	18657616	92	18828745
26	18490178	60	18662747	93	18833989
27	18495199	61	18667881	94	18839237
28	18500223	62	18673019	95	18844489
29	18505250	63	18678160	96	18849744
30	18510281	64	18683305	97	18855002
31	18515314	65	18688453	98	18860264
32	18520352	66	18693604	99	18865530
33	18525392	67	18698759		18870799

GRADUS

	58		58		58
M	Secantes	M	Secantes	M	Secantes
0	18870799	34	19052063	67	19232010
1	18876072	35	19057457	68	19237526
2	18881348	36	19062855	69	19243046
3	18886627	37	19068256	70	19248570
4	18891910	38	19073661	71	19254097
5	18897197	39	19079070	72	19259628
6	18902487	40	19084483	73	19265163
7	18907781	41	19089899	74	19270702
8	18913078	42	19095318	75	19276244
9	18918379	43	19100742	76	19281790
10	18923684	44	19106169	77	19287340
11	18928992	45	19111600	78	19292894
12	18934303	46	19117034	79	19298451
13	18939618	47	19122472	80	19304013
14	18944937	48	19127914	81	19309578
15	18950259	49	19133359	82	19315147
16	18955585	50	19138808	83	19320719
17	18960914	51	19144261	84	19326296
18	18966247	52	19149718	85	19331876
19	18971584	53	19155178	86	19337460
20	18976924	54	19160642	87	19343048
21	18982267	55	19166109	88	19348640
22	18987615	56	19171581	89	19354235
23	18992965	57	19177056	90	19359835
24	18998320	58	19182534	91	19365438
25	19003678	59	19188017	92	19371045
26	19009040	60	19193503	93	19376656
27	19014405	61	19198993	94	19382271
28	19019774	62	19204486	95	19387889
29	19025146	63	19209984	96	19393512
30	19030522	64	19215485	97	19399138
31	19035902	65	19220990	98	19404768
32	19041285	66	19226498	99	19410402
33	19046672	67	19232010		19416040

	59		59		59
M	Secantes	M	Secantes	M	Secantes
0	19416040	34	19610054	67	19802779
1	19421682	35	19615829	68	19808688
2	19427327	36	19621609	69	19814602
3	19432977	37	19627392	70	19820520
4	19438630	38	19633180	71	19826442
5	19444288	39	19638971	72	19832368
6	19449949	40	19644767	73	19838299
7	19455614	41	19650566	74	19844233
8	19461283	42	19656370	75	19850172
9	19466955	43	19662178	76	19856114
10	19472632	44	19667989	77	19862061
11	19478313	45	19673805	78	19868012
12	19483997	46	19679625	79	19873968
13	19489686	47	19685448	80	19879928
14	19495378	48	19691276	81	19885891
15	19501074	49	19697108	82	19891859
16	19506775	50	19702944	83	19897831
17	19512479	51	19708784	84	19903807
18	19518187	52	19714628	85	19909787
19	19523899	53	19720476	86	19915772
20	19529615	54	19726328	87	19921761
21	19535335	55	19732184	88	19927754
22	19541058	56	19738045	89	19933751
23	19546786	57	19743909	90	19939752
24	19552518	58	19749778	91	19945758
25	19558254	59	19755650	92	19951768
26	19563993	60	19761527	93	19957782
27	19569737	61	19767408	94	19963800
28	19575485	62	19773293	95	19969823
29	19581236	63	19779182	96	19975850
30	19586992	64	19785075	97	19981881
31	19592751	65	19790972	98	19987916
32	19598515	66	19796873	99	19993956
33	19604282	67	19802779		20000000

GRADUS

	60		60		60
M	Secantes	M	Secantes	M	Secantes
0	20000000	34	20208057	67	20414871
1	20006048	35	20214252	68	20421215
2	20012100	36	20220453	69	20427563
3	20018157	37	20226657	70	20433916
4	20024218	38	20232866	71	20440274
5	20030283	39	20239079	72	20446636
6	20036353	40	20245297	73	20453002
7	20042427	41	20251519	74	20459374
8	20048505	42	20257746	75	20465749
9	20054587	43	20263977	76	20472130
10	20060674	44	20270213	77	20478515
11	20066765	45	20276453	78	20484905
12	20072860	46	20282697	79	20491299
13	20078960	47	20288946	80	20497698
14	20085064	48	20295200	81	20504101
15	20091172	49	20301458	82	20510510
16	20097285	50	20307720	83	20516922
17	20103401	51	20313987	84	20523340
18	20109523	52	20320259	85	20529762
19	20115648	53	20326534	86	20536189
20	20121778	54	20332815	87	20542620
21	20127913	55	20339100	88	20549056
22	20134051	56	20345389	89	20555497
23	20140194	57	20351683	90	20561942
24	20146342	58	20357981	91	20568392
25	20152494	59	20364284	92	20574847
26	20158650	60	20370592	93	20581306
27	20164810	61	20376904	94	20587770
28	20170975	62	20383220	95	20594239
29	20177144	63	20389541	96	20600712
30	20183318	64	20395867	97	20607191
31	20189496	65	20402197	98	20613673
32	20195679	66	20408532	99	20620161
33	20201865	67	20414871		20626653

GRADUS

	61		61		61
M	Secantes	M	Secantes	M	Secantes
0	20626653	34	20850230	67	21072632
1	20633150	35	20856890	68	21079457
2	20639552	36	20863555	69	21086286
3	20646158	37	20870225	70	21093121
4	20652659	38	20876901	71	21099961
5	20659185	39	20883580	72	21106805
6	20665706	40	20890265	73	21113655
7	20672231	41	20896955	74	21120510
8	20678762	42	20903650	75	21127370
9	20685297	43	20910349	76	21134236
10	20691836	44	20917054	77	21141106
11	20698381	45	20923763	78	21147981
12	20704930	46	20930478	79	21154862
13	20711484	47	20937197	80	21161747
14	20718043	48	20943922	81	21168638
15	20724606	49	20950651	82	21175534
16	20731174	50	20957385	83	21182435
17	20737748	51	20964124	84	21189341
18	20744326	52	20970869	85	21196253
19	20750908	53	20977618	86	21203169
20	20757496	54	20984372	87	21210091
21	20764088	55	20991131	88	21217018
22	20770685	56	20997895	89	21223950
23	20777287	57	21004664	90	21230887
24	20783894	58	21011439	91	21237829
25	20790506	59	21018218	92	21244777
26	20797123	60	21025002	93	21251729
27	20803744	61	21031791	94	21258687
28	20810370	62	21038585	95	21265650
29	20817001	63	21045385	96	21272619
30	20823637	64	21052189	97	21279592
31	20830278	65	21058998	98	21286571
32	20836924	66	21065813	99	21293555
33	20843574	67	21072632		21300544

	62		62		62
M	Secantes	M	Secantes	M	Secantes
0	21300544	34	21541333	67	21781046
1	21307539	35	21548509	68	21788405
2	21314539	36	21555691	69	21795769
3	21321544	37	21562878	70	21803139
4	21328554	38	21570070	71	21810514
5	21335569	39	21577268	72	21817896
6	21342590	40	21584471	73	21825283
7	21349616	41	21591680	74	21832675
8	21356648	42	21598894	75	21840073
9	21363684	43	21606114	76	21847477
10	21370726	44	21613339	77	21854887
11	21377773	45	21620570	78	21862302
12	21384826	46	21627806	79	21869723
13	21391884	47	21635047	80	21877150
14	21398947	48	21642295	81	21884582
15	21406015	49	21649547	82	21892021
16	21413089	50	21656806	83	21899464
17	21420168	51	21664069	84	21906914
18	21427252	52	21671339	85	21914369
19	21434342	53	21678613	86	21921830
20	21441437	54	21685894	87	21929297
21	21448538	55	21693180	88	21936770
22	21455644	56	21700471	89	21944248
23	21462755	57	21707768	90	21951732
24	21469871	58	21715071	91	21959222
25	21476993	59	21722379	92	21966718
26	21484121	60	21729693	93	21974220
27	21491253	61	21737012	94	21981727
28	21498391	62	21744337	95	21989240
29	21505535	63	21751668	96	21996759
30	21512684	64	21759004	97	22004283
31	21519838	65	21766346	98	22011814
32	21526997	66	21773693	99	22019350
33	21534163	67	21781046		22026892

	63		63		63
M	Secantes	M	Secantes	M	Secantes
0	22026892	34	22286844	67	22545854
1	22034440	35	22294595	68	22553808
2	22041994	36	22302351	69	22561769
3	22049554	37	22310114	70	22569736
4	22057120	38	22317882	71	22577709
5	22064691	39	22325658	72	22585689
6	22072268	40	22333438	73	22593676
7	22079852	41	22341225	74	22601668
8	22087441	42	22349018	75	22609667
9	22095036	43	22356818	76	22617672
10	22102636	44	22364623	77	22625683
11	22110243	45	22372434	78	22633701
12	22117856	46	22380252	79	22641726
13	22125475	47	22388076	80	22649756
14	22133099	48	22395906	81	22657793
15	22140730	49	22403742	82	22665837
16	22148366	50	22411584	83	22673886
17	22156008	51	22419433	84	22681943
18	22163657	52	22427287	85	22690005
19	22171311	53	22435148	86	22698074
20	22178971	54	22443015	87	22706150
21	22186637	55	22450889	88	22714232
22	22194309	56	22458768	89	22722320
23	22201988	57	22466654	90	22730415
24	22209672	58	22474546	91	22738516
25	22217362	59	22482444	92	22746624
26	22225058	60	22490348	93	22754738
27	22232760	61	22498259	94	22762859
28	22240468	62	22506175	95	22770986
29	22248182	63	22514099	96	22779120
30	22255903	64	22522028	97	22787260
31	22263629	65	22529964	98	22795407
32	22271362	66	22537906	99	22803560
33	22279100	67	22545854		22811720

M	64 Secantes	M	64 Secantes	M	64 Secantes
0	22811720	34	23093093	67	23373705
1	22819886	35	23101486	68	23382327
2	22828059	36	23109886	69	23390956
3	22836239	37	23118293	70	23399593
4	22844425	38	23126706	71	23408236
5	22852617	39	23135127	72	23416886
6	22860816	40	23143554	73	23425544
7	22869022	41	23151988	74	23434209
8	22877235	42	23160429	75	23442880
9	22885453	43	23168877	76	23451559
10	22893679	44	23177332	77	23460245
11	22901911	45	23185793	78	23468938
12	22910150	46	231942[illegible]	79	23477639
13	22918395	47	23202737	80	23486346
14	22926647	48	23211219	81	23495061
15	22934906	49	23219709	82	23503783
16	22943171	50	23228205	83	23512512
17	22951443	51	23236708	84	23521248
18	22959722	52	23245218	85	23529992
19	22968007	53	23253735	86	23538743
20	22976299	54	23262259	87	23547501
21	22984598	55	23270789	88	23556266
22	22992903	56	23279327	89	23565038
23	23001215	57	23287872	90	23573818
24	23009534	58	23296424	91	23582605
25	23017860	59	23304982	92	23591399
26	23026192	60	23313548	93	23600201
27	23034531	61	23322121	94	23609009
28	23042876	62	23330701	95	23617825
29	23051229	63	23339288	96	23626649
30	23059588	64	23347881	97	23635480
31	23067954	65	23356482	98	23644318
32	23076327	66	23365090	99	23653163
33	23084707	67	23373705		23662016

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M	Secantes	M	Secantes	M	Secantes
0	23662016	34	23967440	67	24272345
1	23670876	35	23976555	68	24281718
2	23679743	36	23985678	69	24291099
3	23688618	37	23994809	70	24300488
4	23697500	38	24003947	71	24309886
5	23706390	39	24013093	72	24319291
6	23715287	40	24022247	73	24328704
7	23724191	41	24031408	74	24338126
8	23733103	42	24040577	75	24347555
9	23742022	43	24049754	76	24356993
10	23750948	44	24058939	77	24366438
11	23759883	45	24068131	78	24375892
12	23768824	[illegible]	24077332	79	24385353
13	23777773	47	24086539	80	24394823
14	23786729	48	24095755	81	24404301
15	23795693	49	24104979	82	24413787
16	23804665	50	24114210	83	24423281
17	23813644	51	24123449	84	24432783
18	23822630	52	24132696	85	24442294
19	23831624	53	24141951	86	24451812
20	23840625	54	24151213	87	24461339
21	23849634	55	24160484	88	24470874
22	23858651	56	24169762	89	24480417
23	23867675	57	24179048	90	24489968
24	23876706	58	24188342	91	24499527
25	23885745	59	24197644	92	24509095
26	23894792	60	24206954	93	24518671
27	23903846	61	24216272	94	24528255
28	23912908	62	24225597	95	24537847
29	23921978	63	24234931	96	24547448
30	23931055	64	24244272	97	24557057
31	23940140	65	24253622	98	24566574
32	23949232	66	24262979	99	24576299
33	23958332	67	24272345		24585933

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M	Secantes	M	Secantes	M	Secantes
0	24585933	34	24918490	67	25250845
1	24595575	35	24928420	68	25261068
2	24605226	36	24938360	69	25271300
3	24614884	37	24948308	70	25281541
4	24624551	38	24958265	71	25291791
5	24634227	39	24968230	72	25302051
6	24643910	40	24978204	73	25312319
7	24653602	41	24988187	74	25322596
8	24663303	42	24998179	75	25332883
9	24673012	43	25008179	76	25343179
10	24682729	44	25018188	77	25353484
11	24692454	45	25028206	78	25363798
12	24702189	46	25038233	79	25374121
13	24711931	47	25048269	80	25384453
14	24721682	48	25058313	81	25394795
15	24731441	49	25068366	82	25405145
16	24741209	50	25078428	83	25415505
17	24750986	51	25088499	84	25425875
18	24760770	52	25098579	85	25436253
19	24770564	53	25108667	86	25446641
20	24780365	54	25118765	87	25457038
21	24790176	55	25128871	88	25467444
22	24799995	56	25138987	89	25477859
23	24809822	57	25149111	90	25488284
24	24819658	58	25159244	91	25498718
25	24829502	59	25169386	92	25509162
26	24839356	06	25179537	93	25519615
27	24849217	61	25189697	94	25530077
28	24859087	62	25199865	95	25540548
29	24858966	63	25210044	96	25551029
30	24878854	64	25220230	97	25561519
31	24888750	65	25230426	98	25572019
32	24898654	66	25240631	99	25582528
33	24908568	67	25250845		25593046

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M	Secantes	M	Secantes	M	Secantes
0	25593046	34	25956369	67	26319907
1	25603574	35	25967225	68	26331096
2	25614112	36	25978091	69	26342296
3	25624659	37	25988967	70	26353505
4	25635215	38	25999853	71	26364725
5	25645781	39	26010748	72	26375956
6	25656356	40	26021654	73	26387197
7	25666941	41	26032570	74	26398448
8	25677535	42	26043495	75	26409709
9	25688139	43	26054431	76	26420981
10	25698752	44	26065376	77	26432264
11	25709375	45	26076331	78	26443557
12	25720007	46	26087297	79	26454860
13	25730650	47	26098272	80	26466174
14	25741301	48	26109258	81	26477498
15	25751963	49	26120253	82	26488833
16	25762633	50	26131259	83	26500178
17	25773314	51	26142275	84	26511534
18	25784004	52	26153301	85	26522900
19	25794704	53	26164336	86	26534277
20	25805413	54	26175382	87	26545665
21	25816133	55	26186439	88	26557063
22	25826862	56	26197505	89	26568472
23	25837600	57	26208581	90	26579891
24	25848348	58	26219668	91	26591321
25	25859106	59	26230765	92	26602762
26	25869874	06	26241872	93	26614213
27	25880652	61	26252989	94	26625675
28	25891439	62	26264116	95	26637147
29	25902236	63	26275254	96	26648631
30	25913043	64	26286402	97	26660125
31	25923860	65	26297562	98	26671630
32	25934686	66	26308728	99	26683145
33	25945523	67	26319907		26694671

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M	Secantes	M	Secantes	M	Secantes
0	26694671	34	27093075	67	27492239
1	26706208	35	27104987	68	27504533
2	26717756	36	27116911	69	27516839
3	26729315	37	27128846	70	27529156
4	26740884	38	27140792	71	27541486
5	26752465	39	27152750	72	27553827
6	26764056	40	27164719	73	27566180
7	26775658	41	27176699	74	27578546
8	26787271	42	27188691	75	27590923
9	26798895	43	27200694	76	27603312
10	26810529	44	27212709	77	27615713
11	26822175	45	27224735	78	27628126
12	26833832	46	27236773	79	27640551
13	26845499	47	27248822	80	27652988
14	26857178	48	27260887	81	27665437
15	26868867	49	27272954	82	27677898
16	26880508	50	27285038	83	27690372
17	26892279	51	27297133	84	27702857
18	26904002	52	27309240	85	27715354
19	26915735	53	27321358	86	27727864
20	26927480	54	27333488	87	27740386
21	26939236	55	27345630	88	27752920
22	26951002	56	27357783	89	27765466
23	26962780	57	27369948	90	27778024
24	26974569	58	27382124	91	27790594
25	26986369	59	27394312	92	27803177
26	26998181	60	27406512	93	27815772
27	27010003	61	27418723	94	27828379
28	27021837	62	27430947	95	27840999
29	27033682	63	27443182	96	27853630
30	27045538	64	27455428	97	27866275
31	27057405	65	27467687	98	27878931
32	27069284	66	27479957	99	27891599
33	27081174	67	27492239		27904281

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M	Secantes	M	Secantes	M	Secantes
0	27904281	34	28342938	67	28783051
1	27916974	35	28356054	68	28796617
2	27929680	36	28369192	69	28810196
3	27942398	37	28382344	70	28823789
4	27955130	38	28395508	71	28837395
5	27967873	39	28408686	72	28851016
6	27980629	40	28421877	73	28864650
7	27993397	41	28435081	74	28878298
8	28006178	42	28448298	75	28891959
9	28018971	43	28461528	76	28905635
10	28031777	44	28474771	77	28919324
11	28044595	45	28488028	78	28933027
12	28057426	46	28501298	79	28946744
13	28070270	47	28514581	80	28960475
14	28083126	48	28527877	81	28974220
15	28095995	49	28541186	82	28987979
16	28108876	50	28554509	83	29001752
17	28121770	51	28567845	84	29015538
18	28134677	52	28581195	85	29029339
19	28147597	53	28594558	86	29043154
20	28160529	54	28607934	87	29056983
21	28173474	55	28621324	88	29070826
22	28186432	56	28634727	89	29084682
23	28199403	57	28648143	90	29098553
24	28212386	58	28661573	91	29112438
25	28225382	59	28675017	92	29126338
26	28238391	60	28688473	93	29140251
27	28251413	61	28701944	94	29154179
28	28264448	62	28715428	95	29168121
29	28277496	63	28728925	96	29182077
30	28290556	64	28742436	97	29196047
31	28303630	65	28755961	98	29210032
32	28316716	66	28769499	99	29224031
33	28329816	67	28783051		29238044

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M	Secantes	M	Secantes	M	Secantes
0	29238044	34	29723167	67	30210702
1	29252071	35	29737695	68	30225742
2	29266113	36	29752238	69	30240797
3	29280170	37	29766796	70	30255868
4	29294240	38	29781370	71	30270955
5	29308325	39	29795958	72	30286059
6	29322425	40	29810562	73	30301178
7	29336539	41	29825181	74	30316313
8	29350667	42	29839816	75	30331464
9	29364810	43	29854466	76	30346631
10	29378968	44	29869130	77	30361815
11	29393140	45	29883811	78	30377014
12	29407327	46	29898506	79	30392230
13	29421528	47	29913217	80	30407462
14	29435744	48	29927944	81	30422710
15	29449975	49	29942686	82	30437974
16	29464220	50	29957443	83	30453254
17	29478480	51	29972216	84	30468551
18	29492754	52	29987004	85	30483864
19	29507044	53	30001808	86	30499194
20	29521348	54	30016627	87	30514539
21	29535667	55	30031462	88	30529902
22	29550000	56	30046312	89	30545280
23	29564349	57	30061178	90	30560675
24	29578712	58	30076060	91	30576087
25	29593090	59	30090957	92	30591515
26	29607483	06	30105870	93	30606959
27	29621892	61	30120799	94	30622420
28	29636314	62	30135743	95	30637898
29	29650752	63	30150704	96	30653392
30	29665205	64	30165680	97	30668902
31	29679673	65	30180671	98	30684430
32	29694156	66	30195679	99	30699974
33	29708654	67	30210702		30715535

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M	Secantes	M	Secantes	M	Secantes
0	30715535	34	31254724	67	31797561
1	30731112	35	31270886	68	31814321
2	30746706	36	31287065	69	31831101
3	30762317	37	31303263	70	31847899
4	30777945	38	31319478	71	31864715
5	30793590	39	31335711	72	31881551
6	30809251	40	31351961	73	31898405
7	30824930	41	31368230	74	31915278
8	30840625	42	31384516	75	31932170
9	30856337	43	31400820	76	31949081
10	30872066	44	31417142	77	31966010
11	30887812	45	31433483	78	31982959
12	30903575	46	31449841	79	31999927
13	30919355	47	31466217	80	32016913
14	30935153	48	31482611	81	32033919
15	30950967	49	31499024	82	32050943
16	30966799	50	31515453	83	32067987
17	30982647	51	31531901	84	3208505
18	30998513	52	31548368	85	3210213
19	31014396	53	31564852	86	3211923
20	31030296	54	31581355	87	3213635
21	31046214	55	31597876	88	3215349
22	31062148	56	31614415	89	3217065
23	31078100	57	31630973	90	3218782
24	31094070	58	31647549	91	3220502
25	31110057	59	31664143	92	3222224
26	31126061	60	31680755	93	3223948
27	31142082	61	31697386	94	3225673
28	31158121	62	31714036	95	3227401
29	31174178	63	31730704	96	3229130
30	31190252	64	31747390	97	3230862
31	31206343	65	31764095	98	3232595
32	31222453	66	31780819	99	3234330
33	31238579	67	31797561		3236068

	72		72		72
M	Secantes	M	Secantes	M	Secantes
0	32360680	34	32963276	67	33571157
1	32378072	35	32981357	68	33589946
2	32395484	36	32999459	69	33608756
3	32412917	37	33017582	70	33627589
4	32430368	38	33035725	71	33646443
5	32447840	39	33053890	72	33665320
6	32465331	40	33072076	73	33684219
7	32482843	41	33090282	74	33703141
8	32500374	42	33108510	75	33722084
9	32517925	43	33126759	76	33741050
10	32535496	44	33145029	77	33760038
11	32553087	45	33163320	78	33779049
12	32570698	46	33181633	79	33798082
13	32588329	47	33199966	80	33817138
14	32605980	48	33218321	81	33836216
15	32623651	49	33236697	82	33855317
16	32641343	50	33255095	83	33874440
17	32659055	51	33273514	84	33893586
18	32676787	52	33291954	85	33912755
19	32694539	53	33310416	86	33931947
20	32712311	54	33328900	87	33951161
21	32730104	55	33347405	88	33970398
22	32747917	56	33365931	89	33989658
23	32765751	57	33384479	90	34008941
24	32783605	58	33403049	91	34028246
25	32801479	59	33421640	92	34047576
26	32819374	60	33440254	93	34066927
27	32837290	61	33458889	94	34086301
28	32855226	62	33477545	95	34105699
29	32873182	63	33496224	96	34125120
30	32891160	64	33514924	97	34144564
31	32909158	65	33533647	98	34164032
32	32927176	66	33552391	99	34183522
33	32945216	67	33571157		34203036

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M	Secantes	M	Secantes	M	Secantes
0	34203036	34	34880667	67	35565770
1	34222573	35	34901023	68	35586970
2	34242134	36	34921403	69	35608196
3	34261718	37	34941809	70	35629448
4	34281325	38	34962239	71	35650727
5	34300956	39	34982695	72	35672032
6	34320611	40	35003175	73	35693364
7	34340289	41	35023681	74	35714723
8	34359991	42	35044211	75	35736108
9	34379716	43	35064767	76	35757520
10	34399465	44	35085344	77	35778959
11	34419238	45	35105954	78	35800425
12	34439035	46	35126585	79	35821917
13	34458855	47	35147242	80	35843436
14	34478699	48	35167924	81	35864983
15	34498568	49	35188632	82	35886556
16	34518460	50	35209365	83	35908156
17	34538376	51	35230124	84	35929784
18	34558316	52	35250908	85	35951438
19	34578281	53	35271718	86	35973120
20	34598269	54	35292553	87	35994829
21	34618282	55	35313414	88	36016566
22	34638319	56	35334301	89	36038330
23	34658380	57	35355214	90	36060121
24	34678466	58	35376152	91	36081940
25	34698575	59	35397117	92	36103786
26	34718710	60	35418107	93	36125660
27	34738868	61	35439123	94	36147561
28	34759051	62	35460166	95	36169490
29	34779259	63	35481234	96	36191447
30	34799491	64	35502329	97	36213432
31	34819748	65	35523450	98	36235444
32	34840030	66	35544597	99	36257484
33	34860336	67	35565770		36279553

GRADUS

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M	Secantes	M	Secantes	M	Secantes
0	36279553	34	37046876	67	37824622
1	36301649	35	37069956	68	37848720
2	36323773	36	37093065	69	37872850
3	36345925	37	37116205	70	37897011
4	36368106	38	37139375	71	37921205
5	36390315	39	37162575	72	37945431
6	36412552	40	37185805	73	37969689
7	36434817	41	37209065	74	37993979
8	36457110	42	37232355	75	38018301
9	36479432	43	37255676	76	38042656
10	36501783	44	37279027	77	38067043
11	36524162	45	37302409	78	38091463
12	36546570	46	37325821	79	38115915
13	36569006	47	37349264	80	38140399
14	36591471	48	37372737	81	38164916
15	36613964	49	37396241	82	38189466
16	36636487	50	37419775	83	38214049
17	36659038	51	37443341	84	38238665
18	36681618	52	37466937	85	38263313
19	36704227	53	37490564	86	38287995
20	36726865	54	37514222	87	38312709
21	36749532	55	37537911	88	38337457
22	36772229	56	37561631	89	38362237
23	36794954	57	37585382	90	38387051
24	36817709	58	37609165	91	38411899
25	36840493	59	37632979	92	38436779
26	36863306	60	37656824	93	38461693
27	36886149	61	37680700	94	38486641
28	36909021	62	37704608	95	38511622
29	36931923	63	37728548	96	38536636
30	36954854	64	37752519	97	38561685
31	36977815	65	37776521	98	38586767
32	37000805	66	37800556	99	38611883
33	37023826	67	37824622		38637033

GRADUS

	75		75		75
M	Secantes	M	Secantes	M	Secantes
0	38637033	34	39512791	67	40403003
1	38662217	35	39539171	68	40430627
2	38687435	36	39565588	69	40458289
3	38712687	37	39592041	70	40485991
4	38737973	38	39618531	71	40513733
5	38763293	39	39645057	72	40541513
6	38788648	40	39671621	73	40569333
7	38814037	41	39698221	74	40597192
8	38839460	42	39724858	75	40625091
9	38864918	43	39751532	76	40653029
10	38890411	44	39778243	77	40681008
11	38915938	45	39804991	78	40709025
12	38941500	46	39831776	79	40737083
13	38967097	47	39858599	80	40765181
14	38992728	48	39885459	81	40793319
15	39018395	49	39912356	82	40821496
16	39044096	50	39939291	83	40849714
17	39069833	51	39966264	84	40877973
18	39095605	52	39993274	85	40906271
19	39121412	53	40020322	86	40934611
20	39147254	54	40047408	87	40962990
21	39173132	55	40074532	88	40991410
22	39199045	56	40101534	89	41019872
23	39224993	57	40128893	90	41048373
24	39250977	58	40156131	91	41076916
25	39276997	59	40183408	92	41105500
26	39303052	60	40210722	93	41134124
27	39329144	61	40238075	94	41162790
28	39355271	62	40265466	95	41191497
29	39381434	63	40292896	96	41220246
30	39407633	64	40320365	97	41249036
31	39433868	65	40347872	98	41277867
32	39460139	66	40375418	99	41306740
33	39486447	67	40403003		41335655

	76		76		76
M	Secantes	M	Secantes	M	Secantes
0	41335655	34	42344206	67	43372797
1	41364611	35	42374637	68	43404769
2	41393609	36	42405114	69	43436791
3	41422650	37	42435636	70	43468861
4	41451732	38	42466203	71	43500979
5	41480856	39	42496815	72	43533147
6	41510023	40	42527473	73	43565363
7	41539232	41	42558177	74	43597628
8	41568483	42	42588926	75	43629943
9	41597777	43	42619721	76	43662307
10	41627113	44	42650562	77	43694720
11	41656492	45	42681449	78	43727183
12	41685914	46	42712381	79	43759695
13	41715379	47	42743360	80	43792257
14	41744887	48	42774386	81	43824869
15	41774437	49	42805457	82	43857530
16	41804031	50	42836575	83	43890242
17	41833668	51	42867740	84	43923004
18	41863349	52	42898952	85	43955817
19	41893073	53	42930210	86	43988679
20	41922840	54	42961515	87	44021593
21	41952651	55	42992867	88	44054556
22	41982506	56	43024266	89	44087571
23	42012404	57	43055713	90	44120637
24	42042346	58	43087206	91	44153753
25	42072333	59	43118748	92	44186921
26	42102363	60	43150336	93	44220139
27	42132438	61	43181973	94	44253409
28	42162557	62	43213657	95	44286731
29	42192720	63	43245388	96	44320104
30	42222928	64	43277168	97	44353529
31	42253180	65	43308996	98	44387005
32	42283477	66	43340872	99	44420534
33	42313819	67	43372797		44454115

GRADUS

	77		77		77
M	Secantes	M	Secantes	M	Secantes
0	44454115	34	45627703	67	46829209
1	44487747	35	45663183	68	46866631
2	44521432	36	45698720	69	46904115
3	44555170	37	45734314	70	46941660
4	44588960	38	45769965	71	46979267
5	44622802	39	45805673	72	47016335
6	44656698	40	45841438	73	47054665
7	44690546	41	45877261	74	47092458
8	44724647	42	45913141	75	47130312
9	44758702	43	45949078	76	47168229
10	44792810	44	45985073	77	47206209
11	44826971	45	46021120	78	47244251
12	44861185	46	46057237	79	47282356
13	44895454	47	46093406	80	47320523
14	44929776	48	46129633	81	47358754
15	44964152	49	46165919	82	47397048
16	44998582	50	46202263	83	47435406
17	45033066	51	46238666	84	47473827
18	45067604	52	46275128	85	47512312
19	45102197	53	46311648	86	47550861
20	45136844	54	46348228	87	47589474
21	45171546	55	46384867	88	47628151
22	45206302	56	46421565	89	47665892
23	45241114	57	46458323	90	47705698
24	45275981	58	46495141	91	47744569
25	45310902	59	46532018	92	47783505
26	45345880	60	46568956	93	47822505
27	45380912	61	46605953	94	47861571
28	45416002	62	46643011	95	47900702
29	45451144	63	46680129	96	47939899
30	45486343	64	46717308	97	47979161
31	45521599	65	46754547	98	48018489
32	45556911	66	46791848	99	48057883
33	45592278	67	46829209		48097343

	78		78		78
M	Secantes	M	Secantes	M	Secantes
0	48097343	34	49479569	67	50901059
1	48136870	35	49521453	68	50945437
2	48176463	36	49563409	69	50989894
3	48216122	37	49605439	70	51034431
4	48255849	38	49647541	71	51079047
5	48295642	39	49689716	72	51123742
6	48335503	40	49731964	73	51168518
7	48375431	41	49774285	74	51213373
8	48415427	42	49816681	75	51258309
9	48455490	43	49859150	76	51303325
10	48475621	44	49901694	77	51348422
11	48535820	45	49944311	78	51393600
12	48576087	46	49987003	79	51438859
13	48516422	47	50029769	80	51484199
14	48656826	48	50072610	81	51529621
15	48697299	49	50115526	82	51575124
16	48737841	50	50158517	83	51620710
17	48778451	51	50201584	84	51666378
18	48819131	52	50244726	85	51712128
19	48859881	53	50287944	86	51757961
20	48900599	54	50331237	87	51803878
21	48941588	55	50374607	88	51849876
22	48982547	56	50418054	89	51895959
23	49023575	57	50461576	90	51942125
24	49064674	58	50505176	91	51988374
25	49105843	59	50548852	92	52034708
26	49147084	60	50592606	93	52081126
27	49188394	61	50636437	94	52127629
28	49229775	62	50680346	95	52174216
29	49271229	63	50724332	96	52220888
30	49312753	64	50768396	97	52267645
31	49354350	65	50812538	98	52314488
32	49396017	66	50856760	99	52361416
33	49437757	67	50901059		52408430

GRADUS

	79		79		79
M	Secantes	M	Secantes	M	Secantes
0	52408430	34	54059730	67	5576705
1	52455531	35	54109903	68	55820503
2	52502718	36	54160171	69	55874050
3	52549991	37	54210535	70	55927719
4	52597351	38	54260994	71	55981484
5	52644798	39	54311549	72	56035354
6	52692332	40	54362199	73	56089330
7	52739954	41	54412946	74	56143411
8	52787664	42	54463789	75	56197599
9	52835461	43	54514729	76	56251893
10	52883347	44	54565766	77	56306294
11	52931322	45	54616901	78	56360801
12	52979385	46	54668133	79	56415417
13	53027537	47	54719463	80	56470139
14	53075778	48	54770891	81	56524970
15	53124109	49	54822417	82	56579909
16	53172530	50	54874042	83	56634957
17	53221040	51	54925767	84	56690114
18	53269641	52	54977590	85	56745380
19	53318332	53	55029513	86	56800755
20	53367114	54	55081536	87	56856241
21	53415987	55	55133659	88	56911837
22	53464951	56	55185882	89	56967543
23	53514007	57	55238207	90	57023360
24	53563154	58	55290632	91	57079288
25	53612393	59	55343158	92	57135328
26	53661725	60	55395786	93	57191480
27	53711149	61	55448516	94	57247744
28	53760666	62	55501348	95	57304121
29	53810276	63	55554283	96	57360611
30	53859979	64	55607320	97	57417213
31	53909775	65	55660460	98	57473930
32	53959666	66	55713704	99	57530760
33	54009651	67	55767051		57587705

GRADUS

	80		80		80
M	Secantes	M	Secantes	M	Secantes
0	57587705	34	59594334	67	61682508
1	57644764	35	59655503	68	61748105
2	57701938	36	59716801	69	61813844
3	57759227	37	59778226	70	61879725
4	57816632	38	59839780	71	61945748
5	57874153	39	59901462	72	62011914
6	57931790	40	59963273	73	62078224
7	57989544	41	60025214	74	62144677
8	58047416	42	60087285	75	62211275
9	58105404	43	60149487	76	62278018
10	58163510	44	60211819	77	62344906
11	58221734	45	60274282	78	62411939
12	58280077	46	60336876	79	62479119
13	58338539	47	60399603	80	62546445
14	58397119	48	60462462	81	62613919
15	58455820	49	60525454	82	62681540
16	58514640	50	60588579	83	62749310
17	58573581	51	60651838	84	62817228
18	58632642	52	60715231	85	62885296
19	58691824	53	60778759	85	62953512
20	58751127	54	60842421	87	63021878
21	58810553	55	60906219	88	63090396
22	58870100	56	60970152	89	63159064
23	58929770	57	61034222	90	63227884
24	58989565	58	61098428	91	63296856
25	59049479	59	61162772	92	63365981
26	59109519	60	61227253	93	63435259
27	59169682	61	61291872	94	63504690
28	59229971	62	61356629	95	63574276
29	59290384	63	61421525	96	63644016
30	59350922	64	61486561	97	63713911
31	59411585	65	61551736	98	63783962
32	59472375	66	61617052	99	63854168
33	59533291	67	61682508		63924532

	81		81		81
M	Secantes	M	Secantes	M	Secantes
0	63924532	34	66413990	67	69025357
1	63995053	35	66490184	68	69107735
2	64065731	36	66566555	69	69190312
3	64136568	37	66643104	70	69273089
4	64207564	38	66719831	71	69356066
5	64278719	39	66796733	72	69439245
6	64350033	40	66873822	73	69522625
7	64421508	41	66951088	74	69605208
8	64493144	42	67028534	75	69689994
9	64564942	43	67106162	76	69773984
10	64636901	44	67183972	77	69858179
11	64709023	45	67261964	78	69942580
12	64781306	46	67340140	79	70027187
13	64853757	47	67418502	80	70112001
14	64926370	48	67497045	81	70197023
15	64999148	49	67575775	82	70282254
16	65072091	50	67654691	83	70367694
17	65145200	51	67733793	84	70453344
18	65218476	52	67813083	85	70539204
19	65291918	53	67892560	86	70625277
20	65365528	54	67972226	87	70711562
21	65439305	55	68052082	88	70798060
22	65513253	56	68132127	89	70884773
23	65587369	57	68212363	90	70371700
24	65661656	58	68292790	91	71058843
25	65736112	59	68373409	92	71146202
26	65810740	60	68454221	93	71233779
27	65885539	61	68535227	94	71321573
28	65960511	62	68616426	95	71409587
29	66035655	63	68697820	96	71497820
30	66110973	64	68779409	97	71586273
31	66186465	65	68861195	98	71674948
32	66262131	66	68943177	99	71763845
33	66337973	67	69025357		71852965

	82		82		82
M	Secantes	M	Secantes	M	Secantes
0	71852965	34	75021953	67	78379767
1	71942309	35	75119436	68	78486259
2	72031877	36	75217176	69	78593043
3	72121671	37	75315172	70	78700120
4	72211692	38	75413427	71	78807492
5	72301939	39	75511940	72	78915160
6	72392415	40	75610713	73	79023124
7	72483119	41	75709747	74	79131387
8	72574054	42	75809044	75	79239950
9	72665219	43	75908603	76	79348813
10	72756615	44	76008427	77	79457978
11	72848244	45	76108516	78	79567446
12	72940107	46	76208871	79	79677219
13	73032203	47	76309493	80	79787297
14	73124535	48	76410384	81	79897683
15	73217102	49	76511545	82	80008377
16	73309907	50	76612976	83	80119380
17	73402949	51	76714678	84	80230694
18	73496230	52	76816653	85	80342321
19	73589751	53	76918902	86	80454261
20	73683512	54	77021426	87	80566515
21	73777514	55	77124226	88	80679086
22	73871759	56	77227303	89	80791975
23	73966248	57	77330659	90	80905182
24	74060980	58	77434294	91	81018709
25	74155958	59	77538209	92	81132558
26	74251182	60	77642406	93	81246730
27	74346654	61	77746886	94	81361226
28	74442373	62	77851649	95	81476048
29	74538341	63	77956698	96	81591197
30	74634560	64	78062033	97	81706674
31	74731029	65	78167655	98	81822481
32	74827751	66	78273566	99	81938619
33	74924725	67	78379767		82055090

GRADUS

	83		83		83
M	Secantes	M	Secantes	M	Secantes
0	82055090	34	86223736	67	90699054
1	82171895	35	86352812	68	90841981
2	82289036	36	86482277	69	90985363
3	82406513	37	86612134	70	91129200
4	82524329	38	86742384	71	91273496
5	82642485	39	86873029	72	91418252
6	82760982	40	87004071	73	91563470
7	82879822	41	87135511	74	91709154
8	82999007	42	87267352	75	91855305
9	83118537	43	87399595	76	92001925
10	83238414	44	87532242	77	92149017
11	83358641	45	87665295	78	92296582
12	83479217	46	87798756	79	92444624
13	83600146	47	87932626	80	92593145
14	83721428	48	88066908	81	92742146
15	83843065	49	88201604	82	92891630
16	83965058	50	88336715	83	93041600
17	84087410	51	88472243	84	93192058
18	84210121	52	88608190	85	93343006
19	84333193	53	88744558	86	93494447
20	84456629	54	88881350	87	93646382
21	84580428	55	89018566	88	93798815
22	84704594	56	89156210	89	93951748
23	84829128	57	89294283	90	94105184
24	84954030	58	89432786	91	94259124
25	85079304	59	89571723	92	94413572
26	85204950	60	89711095	93	94568529
27	85330971	61	89850904	94	94723999
28	85457368	62	89991152	95	94879984
29	85584142	63	90131842	96	95036486
30	85711295	64	90272975	97	95193509
31	85838830	65	90414553	98	95351054
32	85966747	66	90556579	99	95509124
33	86095048	67	90699054		95667722

GRADUS

	84		84		84
M	Secantes	M	Secantes	M	Secantes
0	95667722	34	101394123	67	107651972
1	95826851	35	101572998	68	107853742
2	95986513	36	101752508	69	108056273
3	96146710	37	101932657	70	108259569
4	96307447	38	102113448	71	108463635
5	96468724	39	102294885	72	108668475
6	96630546	40	102476971	73	108874094
7	96792914	41	102659709	74	109080495
8	96955832	42	102843104	75	109287684
9	97119302	43	103027158	76	109495665
10	97283327	44	103211875	77	109704442
11	97447910	45	103397258	78	109914020
12	97613054	46	103583312	79	110124404
13	97778762	47	103770041	80	110335599
14	97945036	48	103957446	81	110547608
15	98111880	49	104145533	82	110760437
16	98279296	50	104334305	83	110974090
17	98447288	51	104523766	84	111188573
18	98615857	52	104713919	85	111403889
19	98785008	53	104904769	86	111620045
20	98954744	54	105096318	87	111837044
21	99125066	55	105288572	88	112054893
22	99295979	56	105481534	89	112273595
23	99467486	57	105675207	90	112493156
24	99639589	58	105869596	91	112713580
25	99812291	59	106064705	92	112934874
26	99985597	60	106260538	93	113157042
27	100159508	61	106457098	94	113380089
28	100334028	62	106654390	95	113604021
29	100509161	63	106852418	96	113828842
30	100684909	64	107051186	97	114054559
31	100861276	65	107250698	98	114281176
32	101038265	66	107450959	99	114508698
33	101215880	67	107651972		114737132

GRADUS

	85		85		85
M	Secantes	M	Secantes	M	Secantes
0	114737132	34	123087975	67	132448855
1	114966483	35	123352097	68	132754866
2	115196756	36	123617359	69	133062299
3	115427957	37	123883768	70	133371163
4	115660091	38	124151331	71	133681458
5	115893164	39	124420056	72	133993225
6	116127183	40	124689951	73	134306443
7	116362151	41	124961024	74	134621133
8	116598076	42	125233281	75	134937306
9	116834964	43	125506731	76	135254971
10	117072819	44	125781382	77	135574139
11	117311648	45	126057242	78	135894822
12	117551458	46	126334317	79	136217030
13	117792253	47	126612618	80	136540772
14	118034041	48	126892151	81	136856062
15	118276826	49	127172925	82	137192909
16	118520617	50	127454948	83	137521326
17	118765418	51	127738229	84	137851323
18	119011236	52	128022776	85	138182912
19	119258077	53	128308597	86	138516104
20	119505948	54	128595701	87	138850910
21	119754855	55	128884097	88	139187344
22	120004805	56	129173793	89	139525416
23	120255804	57	129464799	90	139865139
24	120507859	58	129757122	91	140206524
25	120760976	59	130050773	92	140549585
26	121015163	60	130345759	93	140894332
27	121270426	61	130642091	94	141240779
28	121526771	62	130939778	95	141588939
29	121784207	63	131238828	96	141938823
30	122042739	64	131539251	97	142290446
31	122302374	65	131841057	98	142643819
32	122563121	66	132144255	99	142998956
33	122824985	67	132448855		143355870

GRADUS

	86		86		86
M	Secantes	M	Secantes	M	Secantes
0	143355870	34	156652361	67	172156302
1	143714575	35	157080963	68	172674262
2	144075084	36	157511921	69	173195353
3	144437410	37	157945255	70	173719604
4	144801558	38	158380984	71	174247044
5	145167571	39	158819130	72	174777702
6	145535433	40	159259711	73	175311608
7	145905169	41	159702748	74	175848790
8	146276793	42	160148262	75	176389280
9	146650319	43	160596274	76	176933108
10	147025763	44	161046804	77	177480306
11	147403138	45	161499873	78	178030904
12	147782460	46	161955505	79	178584934
13	148163743	47	162413719	80	179142429
14	148547004	48	162874538	81	179703421
15	148932257	49	163337985	82	180267943
16	149319519	50	163804082	83	180836028
17	149708804	51	164272852	84	181407711
18	150100128	52	164744317	85	181983025
19	150493509	53	165218501	86	182562006
20	150888961	54	165695428	87	183144688
21	151286502	55	166175122	88	183731107
22	151686148	56	166657606	89	184321299
23	152087915	57	167142905	90	184915301
24	152491821	58	167631044	91	185513149
25	152897883	59	168122048	92	186114882
26	153306118	60	168615941	93	186720536
27	153716543	61	169112750	94	187330151
28	154129176	62	169612501	95	187943765
29	154544036	63	170115219	96	188561418
30	154961139	64	170620931	97	189183150
31	155380505	65	171129664	98	189809001
32	155802151	66	171641445	99	190439012
33	156226097	67	172156302		191073226

	87		87		87
M	Secantes	M	Secantes	M	Secantes
0	191073226	34	215475063	67	245972423
1	191711684	35	216287593	68	247032065
2	192354428	36	217106281	69	248100885
3	193001503	37	217931197	70	249179002
4	193652952	38	218762412	71	250266536
5	194308820	39	219599999	72	251363613
6	194969151	40	220444032	73	252470359
7	195633992	41	221294584	74	253586901
8	195303388	42	222151731	75	254713370
9	196977387	43	223015552	76	255849900
10	197656036	44	223886123	77	256996620
11	198339384	45	224763525	78	258153685
12	199027479	46	225647837	79	259321218
13	199720372	47	226539143	80	260499368
14	200418111	48	227437525	81	261688279
15	201120750	49	228343067	82	262888101
16	201828338	50	229255856	83	264098983
17	202540929	51	230175979	84	265321081
18	203258577	52	231103525	85	266554549
19	203981334	53	232038583	86	267799547
20	204709255	54	232981247	87	269056239
21	205442397	55	233931607	88	270324789
22	206181815	56	234889760	89	271605366
23	206924567	57	235855801	90	272898141
24	207673711	58	236829829	91	274203291
25	208428305	59	237811942	92	275520992
26	209188409	60	238802242	93	276851428
27	209954084	61	239800831	94	278194784
28	210725390	62	240807815	95	279551248
29	211502392	63	241823298	96	280921014
30	212285151	64	242847390	97	282304278
31	213073732	65	243880200	98	283701241
32	213868200	66	244921839	99	285112106
33	214668621	67	245972423		286537083

	88		88		88
M	Secantes	M	Secantes	M	Secantes
0	286537083	34	345203590	67	430834025
1	287976385	35	347295150	68	434097335
2	289430227	36	349412219	69	437410471
3	290898833	37	351555269	70	440774583
4	292382427	38	353724779	71	444190856
5	293881241	39	355921244	72	447660513
6	295395509	40	358145168	73	451184815
7	296925473	41	360397070	74	454765063
8	298471376	42	362677480	75	458402597
9	300033470	43	364986944	76	462098810
10	301612010	44	367326020	77	465855127
11	303207257	45	36969528[illegible]	78	469673027
12	304819478	46	372095317	79	473554038
13	306448946	47	374526728	80	477499737
14	308095937	48	376990136	81	481511756
15	309760737	49	379486176	82	485591780
16	311443636	50	382015500	83	489741553
17	313144930	51	384578778	84	493962878
18	314864923	52	387176700	85	498257623
19	316603925	53	389809971	86	502627720
20	318362252	54	392479319	87	507075168
21	320140228	55	395185489	88	511602041
22	321938185	56	397929249	89	516210484
23	323756462	57	400711387	90	520902722
24	325595404	58	403532714	91	525681061
25	327455365	59	406394064	92	530547894
26	329336709	60	409296295	93	535505701
27	331239806	61	412240289	94	540557057
28	333165035	52	415226953	95	545704635
29	335112785	63	418257223	96	550951210
30	337083453	64	421332060	97	556299666
31	339077446	65	424452454	98	561753000
32	341095181	66	427619425	99	567314326
33	343137083	57	430834025		572986885

GRADUS

89		89		89	
M	Secantes	M	Secantes	M	Secantes
0	572986885	34	868137070	67	1736245342
1	578774046	35	881492439	68	1790502418
2	584679319	36	895265172	69	1848259969
3	590706356	37	909475144	70	1909868044
4	596858963	38	924143511	71	1975724970
5	603141104	39	939292818	72	2046285984
6	609556913	40	954947112	73	2122073762
7	6 6110704	41	971132069	74	2203691390
8	622806974	42	987875139	75	2291838453
9	629650422	43	1005205695	76	2387331128
10	636645953	44	1023155210	77	2491127539
11	643798693	45	1041757445	78	2604360014
12	651114002	46	1061048662	79	2728376561
13	658597486	47	1081067861	80	2864794793
14	666255011	48	1101857040	81	3015572869
15	674092720	49	1123461492	82	3183104098
16	682117048	50	1145930135	83	3370344916
17	690334741	51	1169315876	84	3580990874
18	698752872	52	1193676036	85	3819722997
19	707378865	53	1219072810	86	4092559752
20	716220515	54	1245573805	87	4[illegible]07371436
21	725286012	55	1273252635	88	4774651783
22	734583965	56	1302189506	89	5208710428
23	744123431	57	1332472497	90	5729580860
24	753913943	58	1364197443	91	6366200341
25	763965544	59	1397469963	92	7161974766
26	774288817	60	1432406123	93	8185113395
27	784894927	61	1469133896	94	9549298331
28	795795660	62	1507794725	95	11459157357
29	807.03463	63	1548545344	96	14323946042
30	818531498	64	1591559903	97	19098594043
31	830393688	65	1637032453	98	28647890338
32	842604773	66	1685179876	99	57295779804
33	855180378	67	1736245342		*Infinita.*

A TABLE for the ready reducing of Centecimall minutes to Sexagenarie, and Sexagenarie to Centecimal.

Let this Table be ſo cut by the black line, that when the Book is opened in any place, this Table may appear without the Book, and be folded in at pleaſure.

C	M.S.	C	M.S.	C	M.S.
1	0.36	34	20.24	67	40.12
2	1.12	35	21. 0	68	40.48
3	1.48	36	21.36	69	41.24
4	2.24	37	22.12	70	42. 0
5	3. 0	38	22.48	71	42.36
6	3.36	39	23.24	72	43.12
7	4.12	40	24. 0	73	43.48
8	4.48	41	24.36	74	44.24
9	5.24	42	25.12	75	45. 0
10	6. 0	43	25.48	76	45.36
11	6.36	44	26.24	77	46.12
12	7.12	45	27. 0	78	46.48
13	7.48	46	27.36	79	47.24
14	8.24	47	28.12	80	48. 0
15	9. 0	48	28.48	81	48.36
16	9.36	49	29.24	82	49.12
17	10.12	50	30. 0	83	49.48
18	10.48	51	30.36	84	50.24
19	11.24	52	31.12	85	51. 0
20	12. 0	53	31.48	86	51.36
21	12.36	54	32.24	87	52.12
22	13.12	55	33. 0	88	52.48
23	13.48	56	33.36	89	53.24
24	14.24	57	34.12	90	54. 0
25	15. 0	58	34.48	91	54.36
26	15.36	59	35.24	92	55.12
27	16.12	60	36. 0	93	55.48
28	16.48	61	36.36	94	56.24
29	17.24	62	37.12	95	57. 0
30	18.00	63	37.48	96	57.36
31	18.36	64	38.24	97	58.12
32	19.12	65	39. 0	98	58.48
33	19.48	66	39.36	99	59.24
				100	60. 0

CHI

D

Logar

numeris r

bus ab u

rum ope

portional

numerorum

i

CHILIADES DECEM Logarithmorum,

Pro numeris naturali ſerie creſcentibus ab unitate ad 10000.

Quorum ope, & Tabulæ partium proportionalium annexæ, omnium numerorum uſque ad 100.000 inveniantur.

Tabul

ogar.
000000
301030
477121
602060
698970
778151
845098
903090
954242
000000
041393
079181
113943
146128
176091
204120
230449
255272
278753
301030
322219
342422
361728
380211
397940
414973
431364
447158
462398
477121
491361
505150
518514

Tabula Logarithmorum.

N	Logar.
1	0.000000
2	0.301030
3	0.477121
4	0.602060
5	0.698970
6	0.778151
7	0.845098
8	0.903090
9	0.954242
10	1.000000
11	1.041393
12	1.079181
13	1.113943
14	1.146128
15	1.176091
16	1.204120
17	1.230449
18	1.255272
19	1.278753
20	1.301030
21	1.322219
22	1.342422
23	1.361728
24	1 380211
25	1.397940
26	1.414973
27	1.431364
28	1.447158
29	1.462398
30	1.477121
31	1.491361
32	1.505150
33	1.518514
34	1.531479
35	1.544068
36	1.556302
37	1.568202
38	1.579783
39	1.591065
40	1.602060
41	1.612784
42	1.623249
43	1.633468
44	1.643453
45	1.653212
46	1.662758
47	1.672098
48	1.681241
49	1.690196
50	1.698970
51	1.707570
52	1.716003
53	1.724276
54	1.732394
55	1.740363
56	1.748188
57	1.755875
58	1.763428
59	1.770852
60	1.778151
61	1.785330
62	1.792392
63	1.799341
64	1.806180
65	1.812913
66	1 819544
67	1.826075
68	1.832509
69	1.838849
70	1.845098
71	1.851258
72	1.857332
73	1.863323
74	1.869232
75	1.875061
76	1.880814
77	1.886491
78	1.892095
79	1.897627
80	1.903089
81	1.908485
82	1.913814
83	1.919078
84	1.924279
85	1.929419
86	1.934498
87	1.939519
88	1.944483
89	1.949390
90	1.954242
91	1.959041
92	1.963788
93	1.968483
94	1.973128
95	1.977724
96	1.982271
97	1.986772
98	1.991226
99	1.995635

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101	004321	004751	005181	005609	006038
102	008600	009026	009451	009876	010299
103	012837	013259	013679	014100	014521
104	017033	017451	017868	018284	018700
105	021189	021603	022016	022428	022841
106	025306	025715	026125	026533	026942
107	029384	029789	030195	030599	031004
108	033424	033826	034227	034628	035029
109	037426	037825	038223	038620	039017
110	041393	041787	042182	042576	042969
111	045323	045714	046105	046495	046885
112	049218	049603	049993	050379	050766
113	053078	053466	053846	054229	054613
114	056905	057283	057666	058046	058426
115	060698	061075	061452	061829	062206
116	064458	064832	065206	065579	065953
117	068186	068557	068928	069298	069668
118	071882	072249	072617	072985	073352
119	075547	075912	076276	076640	077004
120	079181	079543	079904	080266	080626
121	082785	083144	083503	083861	084219
122	086359	086716	087071	087426	087781
123	089905	090258	090610	090963	091315
124	093422	093772	094122	094471	094820
125	096910	097257	097604	097951	098298
126	100371	100715	101050	101403	101747
127	103804	104146	104487	104828	105169
128	107209	107549	107888	108227	108565
129	110589	110926	111263	111599	111934
130	113943	114277	114611	114944	115278
131	117271	117603	117934	118265	118595
132	120574	120903	121231	121559	121888
133	123852	124178	124504	124830	125156
134	127105	127429	127753	128076	128399

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002166	002598	003029	003461	003891	432
006466	006894	007321	007748	008174	428
010724	011147	011570	011993	012415	424
014940	015359	015779	016197	016616	419
019116	019532	019947	020361	020775	416
023252	023664	024075	024486	024896	412
027349	027757	028164	028571	028978	408
031408	031812	032216	032619	033021	404
035429	035821	036229	036629	037028	400
039414	039811	040207	040602	040998	396
043362	043755	044148	044539	044932	393
047275	047664	048053	048442	048830	389
051153	051538	051924	052309	052694	386
054996	055378	055760	056142	056524	382
058805	059185	059563	059942	060320	379
062582	062958	063333	063709	064083	376
066326	066699	067071	067443	067815	372
070038	070407	070776	071145	071514	369
073718	074085	074451	074816	075182	366
077368	077731	078094	078457	078819	363
080987	081347	081707	082067	082426	360
084576	084934	085291	085647	086004	357
088136	088490	088845	089198	089552	355
091667	092018	092369	092721	093071	351
095169	095518	095886	096215	096562	349
098644	098989	099335	099681	100026	346
102091	102434	102777	103119	103462	343
105510	105851	106191	106531	106871	340
108903	109241	109579	109916	110253	338
112269	112605	112939	113275	113609	335
115611	115943	116276	116608	116939	333
118926	119256	119586	119915	120245	330
122216	122544	122871	123198	123525	328
125481	125806	126131	126456	126781	325
128722	129045	129368	129689	130012	323

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135	130334	130655	130977	131298	131619
136	133539	133858	134177	134496	134814
137	136721	137037	137354	137671	137987
138	139879	140194	140508	140822	141136
139	143015	143327	143639	143951	144263
140	146128	146438	146748	147058	147367
141	149219	149527	149835	158142	150449
142	152288	152594	152899	153205	153509
143	155336	155639	155943	156246	156549
144	158362	158664	158965	159266	159567
145	161368	161667	161967	162266	162564
146	164353	164650	164947	165244	165541
147	167317	167613	167908	168203	168497
148	170262	170555	170848	171141	171434
149	173186	173478	173769	174059	174351
150	176091	176381	176669	176959	177248
151	178977	179264	179552	179839	180126
152	181844	182129	182415	182699	182985
153	184691	184975	185259	185542	185825
154	187521	187803	188084	188366	188647
155	190332	190612	190892	191171	191451
156	193125	193403	193681	193959	194237
157	195899	196176	196453	196729	197005
158	198657	198932	199206	199481	199755
159	201397	201670	201943	202216	202488
160	204119	204391	204663	204934	205204
161	206826	207096	207365	207364	207904
162	209515	209783	210051	210319	210586
163	212187	212454	212720	212986	213252
164	214844	215109	215373	215638	215902
165	217484	217747	218010	218273	218536
166	220108	220369	220631	220892	221153
167	222716	222976	223236	223496	223755
168	225309	225568	225826	226084	226342
169	227887	228142	228400	228657	228913

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131939	132259	132579	132899	133219	321
135133	135451	135769	136086	136403	318
138303	138618	138934	139249	139564	315
141449	141763	142076	142389	142702	314
144574	144885	145196	145507	145818	311
147676	147985	148294	148603	148911	309
150756	151063	151369	151676	151982	307
153815	154119	154423	154728	155032	305
156852	157154	157457	157759	158061	303
159868	160168	160469	160769	161068	301
162863	163161	163459	163758	164055	299
165838	166134	166430	166726	167022	297
168792	169086	169380	169674	169968	295
171726	172019	172311	172603	172895	293
174641	174932	175222	175512	175802	291
177536	177825	178113	178401	178689	289
180413	180699	180986	181272	181558	287
183269	183555	183839	184123	184407	285
186108	186391	186674	186956	187239	283
188928	189209	189490	189771	190051	281
191730	192009	192289	192567	192846	279
194514	194792	195069	195346	195623	278
197281	197556	197832	198107	198382	276
200029	200303	200577	200850	201124	274
202761	203033	203305	203577	203848	272
205475	205746	206016	206286	206556	271
208173	208441	208710	208978	209247	269
210853	211121	211388	211654	211921	267
213518	213783	214049	214314	214579	266
216166	216429	216694	216957	217221	264
218798	219060	219323	219585	219846	262
221414	221675	221936	222196	222456	261
224015	224274	224533	224791	225051	259
226599	226858	227115	227372	227629	258
229169	229426	229682	229938	230193	256

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170	230449	230704	230959	231215	231469
171	232996	233250	233504	233757	234011
172	235528	235781	236033	236285	236537
173	238046	238297	238548	238799	239049
174	240549	240799	241048	241297	241546
175	243038	243286	243534	243782	244029
176	245513	245759	246006	246252	246499
177	247973	248219	248464	248709	248954
178	250420	250664	250908	251151	251395
179	252853	253096	253334	253580	253822
180	255273	255514	255755	255996	256237
181	257679	257918	258158	258398	258637
182	260071	260309	260548	260787	261025
183	262451	262688	262925	263162	263399
184	264818	265054	265289	265525	265761
185	267172	267406	267641	267875	268109
186	269513	269746	269979	270213	270446
187	271842	272074	272306	272538	272769
188	274158	274389	274619	274850	275081
189	276462	276692	276921	277151	277379
190	278754	278982	279211	279439	279667
191	281033	281261	281488	281714	281942
192	283301	283527	283753	283979	284205
193	285557	285782	286007	286232	286456
194	287802	288026	288249	288473	288696
195	290035	290257	290479	290702	290925
196	292256	292478	292699	292920	293141
197	294466	294687	294907	295127	295347
198	296665	296884	297104	297323	297542
199	298853	299071	299289	299507	299725
200	301029	301247	301464	301681	301898
201	303196	303412	303628	303844	304059
202	305351	305566	305781	305996	306211
203	307496	307709	307924	308137	308351
204	309630	309843	310056	310268	310481

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231724	231979	232234	232488	232742	254
234264	234517	234770	235023	235276	253
236789	237041	237292	237544	237795	252
239299	239549	239799	240049	240299	250
241795	242044	242293	242541	242789	249
244277	244525	244772	245019	245266	248
246745	246991	247237	247482	247728	246
249198	249443	249687	249932	250176	245
251638	251881	252125	252368	252610	243
254064	254306	254548	254789	255031	242
256477	256718	256958	257198	257438	241
258877	259116	259355	259594	259833	239
261263	261501	261739	261976	262214	238
263366	263873	264129	264346	264582	237
265996	266232	266467	266702	266937	235
268344	268578	268812	269046	269279	234
270679	270912	271144	271377	271609	233
273001	273233	273464	273696	273927	232
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279895	280123	280351	280578	280806	228
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971971	972018	972064	972110	972157	46
972434	972481	972507	972573	972619	46
972897	972943	972989	973036	973082	46

N	0	1	2	3	4
940	973128	973174	973220	973266	973313
941	973589	973636	973682	973728	973774
942	974050	974097	974143	974189	974235
943	974512	974558	974604	974649	974695
944	974972	975018	975064	975109	975156
945	975432	975478	975524	975569	975616
946	975891	975937	975983	976029	976075
947	976349	976396	976442	976488	976533
948	976808	976854	976899	976946	976992
949	977266	977312	977358	977403	977449
950	977724	977769	977815	977861	977906
951	978181	978226	978272	978317	978363
952	978637	978683	978728	978774	978819
953	979093	979138	979184	979229	979275
954	979548	979594	979639	979685	979730
955	980003	980049	980094	980139	980185
956	980458	980503	980549	980594	980639
957	980912	980957	981003	981048	981093
958	981366	981411	981456	981501	981547
959	981819	981864	981909	981954	981999
960	982271	982316	982362	982407	982452
961	982723	982767	982814	982859	982904
962	983175	983220	983265	983310	983356
963	983626	983671	983716	983762	983807
964	984077	984122	984167	984212	984257
965	984527	984572	984617	984662	984707
966	984977	985022	985067	985112	985157
967	985426	985471	985516	985561	985606
968	985875	985920	985965	986009	986055
969	986324	986369	986413	986458	986504
970	986772	986817	986861	986906	986951
971	987219	987264	987309	987353	987398
972	987666	987711	987756	987800	987845
973	988113	988157	988202	988247	988291
974	988559	988604	988648	988693	988737

5	6	7	8	9	D
973359	973405	973451	973497	973543	46
973820	973866	973913	973959	974005	46
974281	974327	974374	974419	974466	46
974742	974788	974834	974879	974926	46
975202	975248	975294	975339	975386	46
975662	975707	975753	975799	975845	46
976121	976167	976212	976258	976304	46
976579	976625	976671	976717	976763	46
977037	977083	977129	977175	977220	46
977495	977541	977586	977632	977678	46
977952	977998	978043	978089	978135	46
978409	978454	978500	978546	978591	46
978865	978911	978956	979002	979047	46
979321	979366	979412	979457	979503	46
979776	979821	979867	979912	979958	46
980231	980276	980322	980367	980412	45
980685	980730	980776	980821	980867	45
981139	981184	981229	981275	981320	45
981592	981637	981683	981728	981773	45
982045	982090	982135	982181	982226	45
982497	982543	982588	982633	982678	45
982949	982994	983039	983085	983129	45
983401	983446	983490	983536	983581	45
983852	983897	983942	983987	984032	45
984302	984347	984392	984437	984482	45
984752	984797	984842	984887	984932	45
985202	985247	985292	985337	985382	45
985651	985696	985741	985786	985830	45
986099	986144	986189	986234	986279	45
986548	986593	986637	986682	986727	45
986996	987040	987085	987129	987175	45
987443	987488	987532	987577	987622	45
987889	987934	987979	988024	988068	45
988336	988381	988425	988469	988514	45
988782	988826	988871	988916	988960	45

N	0	1	2	3	4
975	989005	989049	989094	989138	989183
976	989449	989494	989539	989584	989628
977	989895	989939	989983	990028	990072
978	990339	990383	990428	990472	990516
979	990783	990827	990871	990916	990960
980	991226	991270	991315	991359	991403
981	991669	991713	991758	991802	991846
982	992111	992156	992109	992244	992288
983	992554	992598	992642	992686	992730
984	992995	993039	993083	993127	993172
985	993436	993480	993524	993568	993613
986	993877	993921	993965	994009	994053
987	994317	994361	994405	994449	994493
988	994756	994801	994845	994889	994933
989	995196	995240	995284	995328	995372
990	995635	995679	995723	995764	995811
991	996074	996117	996151	996205	996249
992	996512	996555	996599	996643	996687
993	996949	996993	997037	997080	997124
994	997386	997430	997474	997517	997561
995	997823	997867	997910	997954	997998
996	998259	998303	998347	998390	998434
997	998695	998739	998783	998826	998869
998	999133	999174	999218	999261	999305
999	999565	999609	999652	999696	999739
1000	000000	000043	000087	000130	000174
1001	000434	000477	000521	000564	000607
1002	000867	000911	000954	000997	001041
1003	001301	001344	001387	001431	001474
1004	001734	001777	001820	001863	001907
1005	002166	002209	002252	002295	002339
1006	002598	002641	002684	002727	002771
1007	003029	003072	003116	003159	003202
1008	003460	003503	003547	003590	003633
1009	003891	003934	003977	004020	004063

5	6	7	8	9	D
989227	989272	989316	989361	989405	45
989672	989717	989761	989806	989850	44
990117	990161	990206	990250	990294	44
990561	990605	990649	990694	990738	44
991004	991049	991093	991137	991182	44
991448	991492	991536	991580	991625	44
991890	991935	991979	992023	992067	44
992333	992377	992421	992465	992509	44
992774	992819	992863	992907	992951	44
993216	993259	993304	993348	993392	44
993657	993701	993745	993789	993833	44
994097	994141	994185	994229	994273	44
994537	994581	994625	994669	994713	44
994977	995021	995065	995108	995152	44
995416	995459	995504	995547	995591	44
995854	995898	995942	995986	996029	44
996293	996337	996380	996424	996468	44
996731	996774	996818	995862	996906	44
997168	997212	997255	997290	997343	44
997605	997648	997692	997736	997779	44
998041	998085	998129	998172	998216	44
998477	998521	998564	998608	998652	44
998913	998956	998999	999043	999087	44
999348	999392	999435	999479	999522	44
999783	999826	999866	999913	999956	43
000217	000260	000304	000347	000391	43
000650	000694	000737	000781	000824	43
001084	001128	001171	001214	001257	43
001517	001561	001604	001647	001610	43
001950	001993	002036	002079	002123	43
002382	002425	002468	002512	002555	43
002814	002857	002900	002943	002986	43
003245	003288	003331	003374	003417	43
003676	003719	003762	003805	003848	43
004106	004149	004192	004235	004278	43

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TABVLA
PARTIUM
PROPORTIONALIUM,

Cujus ope & Tabulæ Logarithmorum precedentium, omnium numerorum Logarithmi per Additionem;

Et omnium Logarithmorum numeri uſque ad 100.000 per Subductionem inveniantur.

Tabula p

1	2	3
4	8	12
4	8	13
4	9	13
4	9	13
4	9	14
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[illegible]	12	
[illegible]	12	
6	12	
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7	14	
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Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
43	4	8	12	17	21	25	30	34	38
44	4	8	13	17	22	26	30	35	39
45	4	9	13	18	22	27	31	36	40
46	4	9	13	18	23	27	32	36	41
47	4	9	14	18	23	28	32	37	42
48	4	9	14	19	24	28	33	38	43
49	4	9	14	19	24	29	34	39	44
50	5	10	15	20	25	30	35	40	45
51	5	10	15	20	25	30	35	40	45
52	5	10	15	20	26	31	36	41	46
53	5	10	15	21	26	31	37	42	47
54	5	10	16	21	27	32	37	43	48
55	5	11	16	22	27	33	38	44	49
56	5	11	16	22	28	33	39	44	50
57	5	11	17	22	28	34	39	45	51
58	5	11	17	23	29	34	40	46	52
59	5	11	17	23	29	35	41	47	53
60	6	12	18	24	30	36	42	48	54
61	6	12	18	24	30	36	42	48	54
62	6	12	18	24	31	37	43	49	55
63	6	12	18	25	31	37	44	50	56
64	6	12	19	25	32	38	44	51	57
65	6	13	19	26	32	39	45	52	58
66	6	13	19	26	33	39	46	52	59
67	6	13	20	26	33	40	46	53	60
68	6	13	20	27	34	40	47	54	61
69	6	13	20	27	34	41	48	55	62
70	7	14	21	28	35	42	49	56	63
71	7	14	21	28	35	42	49	56	63
72	7	14	21	28	36	43	50	57	64
73	7	14	21	29	36	43	51	58	65
74	7	14	22	29	37	44	51	59	66
75	7	15	22	30	37	45	52	60	67
76	7	15	22	30	38	45	53	60	68

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
77	7	15	23	30	38	46	53	61	69
78	7	15	23	31	39	46	54	62	70
79	7	15	23	31	39	47	55	63	71
80	8	16	24	32	40	48	56	64	72
81	8	16	24	32	40	48	56	64	72
82	8	16	24	32	41	49	57	65	73
83	8	16	24	33	41	49	58	66	74
84	8	16	25	33	42	50	58	67	75
85	8	17	25	34	42	51	59	68	76
86	8	17	25	34	43	51	60	68	77
87	8	17	26	34	43	52	60	69	78
88	8	17	26	35	44	52	61	70	79
89	8	17	26	35	44	53	62	71	80
90	9	18	27	36	45	54	63	72	81
91	9	18	27	36	45	54	63	72	81
92	9	18	27	36	46	55	64	73	82
93	9	18	27	37	46	55	65	74	83
94	9	18	28	37	47	56	65	75	84
95	9	19	28	38	47	57	66	76	85
96	9	19	28	38	48	57	67	76	86
97	9	19	29	38	48	58	67	77	87
98	9	19	29	39	49	58	68	78	88
99	9	19	29	39	49	59	69	79	89
100	10	20	30	40	50	60	70	80	90
101	10	20	30	40	50	60	70	80	90
102	10	20	30	40	51	61	71	81	91
103	10	20	30	41	51	61	72	82	92
104	10	20	31	41	52	62	72	83	93
105	10	21	31	42	52	63	73	84	94
106	10	21	31	42	53	63	74	84	95
107	10	21	32	42	53	64	74	85	96
108	10	21	32	43	54	64	75	86	97
109	10	21	32	43	54	65	76	87	98
110	11	22	33	44	55	66	77	88	99

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
111	11	22	33	44	55	66	77	88	99
112	11	22	33	44	56	67	78	89	100
113	11	22	33	45	57	67	78	90	101
114	11	22	34	45	57	68	79	91	102
115	11	23	34	46	57	69	80	92	103
116	11	23	34	46	58	69	81	92	104
117	11	23	35	46	58	70	81	93	105
118	11	23	35	47	59	70	82	94	106
119	11	23	35	47	59	71	83	95	107
120	12	24	36	48	60	72	84	96	108
121	12	24	36	48	60	72	84	96	108
122	12	24	36	48	61	73	85	97	109
123	12	24	36	48	61	73	86	98	110
124	12	24	37	49	62	74	86	99	111
125	12	25	37	50	62	75	87	100	112
126	12	25	37	50	63	75	88	100	113
127	12	25	38	50	63	76	88	101	114
128	12	25	38	51	64	76	89	102	115
129	12	25	38	51	64	77	90	103	116
130	13	26	39	52	65	78	91	104	117
131	13	26	39	52	65	78	91	104	117
132	13	26	39	52	66	79	92	105	118
133	13	26	39	53	66	79	93	106	119
134	13	26	40	53	67	80	93	107	120
135	13	27	40	54	67	81	94	108	121
136	13	27	40	54	68	81	95	108	122
137	13	27	41	54	68	82	95	109	123
138	13	27	41	55	69	82	96	110	124
139	13	27	41	55	69	83	97	111	125
140	14	28	42	56	70	84	98	112	126
141	14	28	42	56	70	84	98	112	125
142	14	28	42	56	71	85	99	113	127
143	14	28	42	57	71	85	100	114	128
144	14	28	43	57	72	86	100	115	129

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
145	14	28	43	58	72	87	101	116	130
146	14	29	43	58	73	87	102	116	131
147	14	29	44	58	73	88	102	117	132
148	14	29	44	59	74	88	103	118	133
149	14	29	44	59	74	89	104	119	134
150	15	30	45	60	75	90	105	120	135
151	15	30	45	60	75	90	105	120	135
152	15	30	45	60	76	91	106	121	136
153	15	30	45	60	76	91	107	122	137
154	15	30	46	61	77	92	107	123	138
155	15	31	46	62	77	93	108	124	139
156	15	31	46	62	78	93	109	124	140
157	15	31	47	62	78	94	109	125	141
158	15	31	47	63	79	94	110	126	142
159	15	31	47	63	79	95	111	127	143
160	16	32	48	64	80	96	112	128	144
161	16	32	48	64	80	96	112	128	144
162	16	32	48	64	81	97	113	129	145
163	16	32	48	65	82	98	114	130	146
164	16	32	49	66	82	98	114	131	147
165	16	33	49	66	82	99	115	132	148
166	16	33	49	66	83	99	116	132	149
167	16	33	50	66	83	100	116	133	150
168	16	33	50	67	84	100	117	134	151
169	16	33	50	67	84	101	118	135	152
170	17	34	51	68	85	102	119	136	153
171	17	34	51	68	85	102	119	136	153
172	17	34	51	68	86	103	120	137	154
173	17	34	51	69	86	103	121	138	155
174	17	34	52	69	87	104	121	139	156
175	17	34	52	70	87	105	122	140	157
176	17	35	52	70	88	105	123	140	158
177	17	35	53	70	88	106	123	141	159
178	17	35	53	71	89	106	124	142	160

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
179	17	35	53	71	89	107	125	143	161
180	18	36	54	72	90	108	126	144	162
181	18	36	54	72	90	108	126	144	162
182	18	36	54	72	91	109	127	145	163
183	18	36	54	73	91	109	128	146	164
184	18	36	55	73	92	110	128	147	165
185	18	37	55	74	92	111	129	148	166
186	18	37	55	74	93	111	130	148	167
187	18	37	56	74	93	112	130	149	168
188	18	37	56	75	94	112	131	150	169
189	18	37	56	75	94	113	132	151	170
190	19	38	57	76	95	114	133	152	171
191	19	38	57	76	95	114	133	152	171
192	19	38	57	76	96	115	134	153	172
193	19	38	57	77	96	115	135	154	173
194	19	38	58	77	97	116	135	155	174
195	19	39	58	78	97	117	136	156	175
196	19	39	59	78	98	117	136	156	176
197	19	39	59	78	98	118	137	157	177
198	19	39	59	79	99	118	138	158	178
199	19	39	59	79	99	119	139	159	179
200	20	40	60	80	100	120	140	160	180
201	20	40	60	80	100	120	140	160	180
202	20	40	60	80	101	121	141	161	181
203	20	40	60	81	101	121	142	162	182
204	20	40	61	81	102	122	142	163	183
205	20	41	61	82	102	123	143	164	184
206	20	41	61	82	103	123	144	164	185
207	20	41	62	82	103	124	144	165	186
208	20	41	62	83	104	124	145	166	187
209	20	41	62	83	104	125	146	167	188
210	21	42	63	84	105	126	147	168	189
211	21	42	63	84	105	126	147	168	189
212	21	42	63	84	106	127	148	169	190

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
213	21	42	63	85	106	127	149	170	191
214	21	42	64	85	107	128	149	171	192
215	21	43	64	86	107	129	150	172	193
216	21	43	64	86	108	129	151	172	194
217	21	43	65	86	108	130	151	173	195
218	21	43	65	87	109	130	152	174	196
219	21	43	65	87	109	131	153	175	197
220	22	44	66	88	110	132	154	176	198
221	22	44	66	88	110	132	154	176	198
222	22	44	66	88	111	133	155	177	199
223	22	44	66	89	111	133	156	178	200
224	22	44	67	89	112	134	156	179	201
225	22	45	67	90	112	135	157	180	202
226	22	45	67	90	113	135	158	180	203
227	22	45	68	90	113	136	158	181	204
228	22	45	68	91	114	136	159	182	205
229	22	45	68	91	114	137	160	183	206
230	23	46	69	92	115	138	161	184	207
231	23	46	69	92	115	138	161	184	207
232	23	46	69	92	116	139	162	185	208
233	23	46	69	93	116	139	163	186	209
234	23	46	70	93	117	140	163	187	210
235	23	47	70	94	117	141	164	188	211
236	23	47	70	94	118	141	165	188	212
237	23	47	71	94	118	142	165	189	213
238	23	47	71	95	119	142	166	190	214
239	23	47	71	95	119	143	167	191	215
240	24	48	72	96	120	144	168	192	216
241	24	48	72	96	120	144	168	192	216
242	24	48	72	96	121	145	169	193	217
243	24	48	72	97	121	145	170	194	218
244	24	48	73	97	122	146	170	195	219
245	24	49	73	98	122	147	171	196	220
246	24	49	73	98	123	147	172	196	221

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
247	24	49	74	98	123	148	172	197	222
248	24	49	74	99	124	148	173	198	223
249	24	49	74	99	124	149	174	199	224
250	25	50	75	100	125	150	175	200	225
251	25	50	75	100	125	150	175	200	225
252	25	50	75	100	126	151	176	201	226
253	25	50	75	101	126	151	177	202	227
254	25	50	76	101	127	152	177	203	228
255	25	50	76	102	127	153	178	204	229
256	25	51	76	102	128	153	179	204	230
257	25	51	77	102	128	154	179	205	231
258	25	51	77	103	129	154	180	206	232
259	25	51	77	103	129	155	181	207	233
260	26	52	78	104	130	156	182	208	234
261	26	52	78	104	130	156	182	208	234
262	26	52	78	104	131	156	183	209	235
263	26	52	78	105	131	157	184	210	236
264	26	52	79	105	132	158	184	211	237
265	26	53	79	106	132	159	185	212	238
266	26	53	79	106	133	159	186	212	239
267	26	53	80	106	133	160	186	213	240
268	26	53	80	107	134	160	187	214	241
269	26	53	80	107	134	161	188	215	242
270	27	54	81	108	135	162	189	216	243
271	27	54	81	108	135	162	189	216	243
272	27	54	81	108	136	163	190	217	244
273	27	54	81	109	136	163	191	218	245
274	27	54	82	109	137	164	191	219	246
275	27	55	82	110	137	165	192	220	247
276	27	55	82	110	138	165	193	220	248
277	27	55	83	110	138	166	193	221	249
278	27	55	83	111	139	166	194	222	250
279	27	55	83	111	139	167	195	223	251
280	28	56	84	112	140	168	196	224	252

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
281	28	56	84	112	140	168	196	224	252
282	28	56	84	112	141	169	197	225	253
283	28	56	84	113	141	169	198	226	254
284	28	56	85	113	142	170	198	227	255
285	28	57	85	114	142	171	199	228	256
286	28	57	85	114	143	171	200	228	257
287	28	57	86	114	143	172	200	229	258
288	28	57	86	115	144	172	201	230	259
289	28	57	86	115	144	173	202	231	260
290	29	58	87	116	145	174	203	232	261
291	29	58	87	116	145	174	203	232	261
292	29	58	87	116	146	175	204	233	262
293	29	58	87	117	146	175	205	234	263
294	29	58	88	117	147	176	205	235	264
295	29	59	88	118	147	177	206	236	265
296	29	59	88	118	148	177	207	236	266
297	29	59	88	118	148	178	207	237	267
298	29	59	89	119	149	178	208	238	268
299	29	59	89	119	149	179	209	239	269
300	30	60	90	120	150	180	210	240	270
301	30	60	90	120	150	180	210	240	270
302	30	60	90	120	151	181	211	241	271
303	30	60	90	121	151	181	212	242	272
304	30	60	91	121	152	182	212	243	273
305	30	61	91	122	152	183	213	244	274
306	30	61	91	122	153	183	214	244	275
307	30	61	92	122	153	184	214	245	276
308	30	61	92	123	154	184	215	246	277
309	30	61	92	123	154	185	216	247	278
310	31	62	93	124	155	186	217	248	279
311	31	62	93	124	155	186	217	248	279
312	31	62	93	124	156	187	218	249	280
313	31	62	93	125	156	187	219	250	281
314	31	62	94	125	157	188	219	251	282

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
315	31	63	94	126	157	189	220	252	283
316	31	63	94	126	158	189	221	252	284
317	31	63	95	126	158	190	221	253	285
318	31	63	95	127	159	190	222	254	286
319	31	63	95	127	159	191	223	255	287
320	32	64	96	128	160	192	224	256	288
321	32	64	96	128	160	192	224	256	288
322	32	64	96	128	161	193	225	257	289
323	32	54	96	129	161	193	226	258	290
324	32	64	97	129	162	194	226	259	291
325	32	65	97	130	162	195	227	260	292
326	32	65	97	130	163	195	228	260	293
327	32	65	98	130	163	196	228	261	294
328	32	65	98	131	163	196	229	262	295
329	32	65	98	131	164	197	230	263	296
330	33	66	99	132	165	198	231	264	297
331	33	66	99	132	165	198	231	264	297
332	33	66	99	132	166	199	232	265	298
333	33	66	99	133	166	199	233	266	299
334	33	66	100	133	167	200	233	267	300
335	33	67	100	134	167	201	234	268	301
336	33	67	100	134	168	201	235	268	302
337	33	67	101	134	168	202	235	269	303
338	33	67	101	135	169	202	236	270	304
339	33	67	101	135	169	203	237	271	305
340	34	68	102	136	170	204	238	272	306
341	34	68	102	136	170	204	238	272	306
342	34	68	102	136	171	205	239	273	307
343	34	68	102	137	171	205	240	274	308
344	34	68	103	137	172	206	240	275	309
345	34	69	103	138	172	207	241	276	310
346	34	69	103	138	173	207	242	276	311
347	34	69	104	138	173	208	242	277	312
348	34	69	104	139	174	208	243	278	313

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
349	34	69	104	139	174	209	244	279	314
350	34	70	105	140	175	210	245	280	315
351	35	70	105	140	175	210	245	280	315
352	35	70	105	140	176	211	246	281	316
353	35	70	105	141	176	211	247	282	317
354	35	70	106	141	177	212	247	283	318
355	35	71	106	142	177	213	248	284	319
356	35	71	106	142	178	213	249	284	320
357	35	71	107	142	178	214	249	285	321
358	35	71	107	143	179	214	250	286	322
359	35	71	107	143	179	215	251	287	323
360	36	72	108	144	180	216	252	288	324
361	36	72	108	144	180	216	252	288	324
362	36	72	108	144	181	217	253	289	325
363	36	72	108	145	181	217	254	290	326
364	36	72	109	145	182	218	254	291	327
365	36	73	109	146	182	219	255	292	328
366	36	73	109	146	182	219	256	292	329
367	36	73	110	146	183	220	256	293	330
368	36	73	110	147	184	220	257	294	331
369	36	73	110	147	184	221	258	295	332
370	37	74	111	148	185	222	259	296	333
371	37	74	111	148	185	222	259	296	333
372	37	74	111	148	186	223	260	297	334
373	37	74	111	149	186	223	261	298	335
374	37	74	112	149	187	224	261	299	336
375	37	75	112	150	187	225	262	300	337
376	37	75	112	150	188	225	263	300	338
377	37	75	113	150	188	226	263	301	339
378	37	75	113	151	189	226	264	302	340
379	37	75	113	151	189	227	265	303	341
380	38	76	114	152	190	228	266	304	342
381	38	76	114	152	190	228	266	304	342
382	38	75	114	152	191	229	267	305	343

Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
383	38	76	114	153	191	229	268	306	344
384	38	76	115	153	192	230	268	307	345
385	38	77	115	154	192	231	269	308	346
386	38	77	115	154	193	231	270	308	347
387	38	77	116	154	193	232	270	309	348
388	38	77	116	155	194	232	271	310	349
389	38	77	116	155	194	233	272	311	350
390	39	78	117	156	195	233	273	312	351
391	39	78	117	156	195	233	273	312	351
392	39	78	117	156	196	234	274	313	352
393	39	78	117	157	196	235	275	314	353
394	39	78	118	157	197	236	275	315	354
395	39	79	118	158	197	237	276	316	355
396	39	79	118	158	198	237	277	316	356
397	39	79	119	158	198	238	277	317	357
398	39	79	119	159	199	238	278	318	358
399	39	79	119	159	199	239	279	319	359
400	40	80	120	160	200	240	280	320	360
401	40	80	120	160	200	240	280	320	360
402	40	80	120	160	201	241	281	321	361
403	40	80	120	161	201	241	282	322	362
404	40	80	121	161	202	242	282	323	363
405	40	81	121	162	202	243	283	324	364
406	40	81	121	162	203	243	284	324	365
407	40	81	122	162	203	244	284	325	366
408	40	81	122	163	204	244	285	326	367
409	40	81	122	163	204	245	286	327	368
410	41	82	123	164	205	246	287	328	369
411	41	82	123	164	205	246	287	328	369
412	41	82	123	164	206	247	288	329	370
413	41	82	123	165	206	247	289	330	371
414	41	82	124	165	207	248	289	331	372
415	41	82	124	166	207	249	290	332	37
416	41	83	124	166	208	249	291	332	37

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Tabula partium proportionalium.

D	1	2	3	4	5	6	7	8	9
417	41	83	125	166	208	250	291	333	375
418	41	83	125	167	209	250	292	334	376
419	41	83	125	167	209	251	293	335	377
420	42	84	126	168	210	252	294	336	378
421	42	84	126	168	210	252	294	336	378
422	42	84	126	168	211	253	295	337	379
423	42	84	126	169	211	253	296	338	380
424	42	84	127	169	212	254	296	339	381
425	42	85	127	170	212	255	297	340	382
426	42	85	127	170	213	255	298	340	383
427	42	85	128	170	213	256	298	341	384
428	42	85	128	171	214	256	299	342	385
429	42	85	128	171	214	257	300	343	386
430	43	86	129	172	215	258	301	344	387
431	43	86	129	172	215	258	301	344	387
432	43	86	129	172	216	259	302	345	388
433	43	86	129	173	216	259	303	346	389
434	43	86	130	173	217	260	304	347	390
435	43	87	130	174	217	261	304	348	391

FINIS.

Errata quædam in hoc Canone ſic corrigantur, in reliquis ſumma adhibita eſt diligentia ut correctiſſime traderentur.

G	M	Sinus	Co-ſin.	*Log.Sin*	*Log.Co-ſi*
5	37		9956111		
6	18	1076523			
7	47				9.996298
7	48				9.996288
8	16	1419379			
11	53				9.991146
12	63			9.339757	
15	47			9.426078	
20	4			9.534883	
21	96				9.967288

G	M	Tang.	Co-tan.	*Log.Tan*	*Log.Co-t.*
5	72			9.000719	
6	10		935723		10.971147
6	82	1195968			
6	95	1218988			
8	9			9.152725	
8	66				10.817279
9	4			9.201670	
10	72			9.277182	
11	65	2061801			
12	4	2132863			
12	94			9.361284	
15	44			9.441219	
16	90				10.517379